



FELIPE FLORES

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EDUCATION

May 2020
Aug 2018

University of Illinois at Urbana-Champaign [UIUC] | Illinois - US

Master of Architecture | GPA 3.95

- Awards - Fulbright Scholarship: Graduate studies 2018-2020
- Archon Prize: Essential Dwelling
- Arco Murray Prize: Top Golf Facilities
- Two Earl Prize Nominations

- Activities - Graduate Student Representative for The Curriculum Committee
- Distinguished Plym Student Spring 2019 | Beijing - China
- 3 Research Assistanships 2019 - 2020

Dec 2017
Sep 2017

Pontificia Universidad Católica de Chile | Santiago - Chile

Course in Rammed Earth Construction: Tradition and Innovation | 122 hours

Dec 2016
Sep 2016

Peruvian College of Engineers | Junín - Peru

Online Course in Architecture with Shipping Containers | 300 hours

- Awards - Organization of American States Scholarship [OAS]

Oct 2016
Aug 2016

The University of Tokyo | Tokyo - Japan

Online Course in Theory of Contemporary Japanese Architecture | 100 hours

- Professor - Kengo Kuma

Feb 2015
Aug 2009

Pontificia Universidad Católica del Ecuador [PUCE] | Quito - Ecuador

Bachelor of Architecture | GPA 3.80

- Awards - Honorable mention in the Latin American Congress of Architecture 2015 | BA - Argentina
- Solar Museum in El Panecillo - Honorable mention 2015 | PUCE
- Sanctuary in El Panecillo - Honorable mention 2014 | PUCE
- Honorable mention in the Latin American Congress of Architecture 2013 | BA - Argentina
- Mediateque New Campus PUCE - Honorable mention 2013 | PUCE
- Riverwalk in El Tena - Honorable mention 2012 | PUCE

RESEARCH

May 2020
Jan 2020

Illinois School of Architecture [UIUC] | Illinois - US

Neonatal Intensive Care Units in Illinois and Their Responsiveness to the Opioid Epidemic

- Professor - Aneesha Dharwadker

Info - The American opioid epidemic has expanded to new geographies and populations in the past decade, affecting not only dense urban centers but also dispersed rural regions. The reasons for this are numerous and interlinked, ranging from under-funded rural hospitals to shrinking local economies, declining environmental quality, and expanding pharmaceutical and black-market drug networks. This project argues that design is a highly impactful (but currently under-explored) method for mitigating the effects of opioid abuse.

- Activities - Assisting with data collection, Revit modelling of health care units, energy simulation with Sefaira, and 3D printing.

- Link - <https://www.declarationofdependence.net/>

May 2020
May 2019

Illinois School of Architecture [UIUC] | Illinois - US

Corn-crete Block Development for a UIUC Farm-Lab Facility

- Professor - Mark Taylor

- Info - The CORNcrete block is a non-load-bearing glued masonry product designed for the production of healthy and natural insulating envelopes, partition walls and counter-partitions. It is based on agricultural waste fibers from the corn and it will be utilized in a new research station on the UIUC Energy Farm. The project includes the design of a geothermal loop, hands-on work for the creation on mock-up walls and a blocket/ACSA publication.
- Activities - CADD Designer, 3D modeler, cost/material analyst, hands-on work with wood, graphic designer
- Link - <https://sustainability.illinois.edu/past-present-and-future-corncrete-reimagines-sustainable-architecture/>

May 2019
Aug 2019

Illinois School of Architecture [UIUC] | Bogota - Colombia

Co-constructing the Future in Spaces of Conflict, Prof. Aaron Brakke

- Professor - Aaron Brakke
- Info - Cooperation project between UIUC, Universidad Piloto in Bogota and "Colectivos de Arquitectura" (small design firms oriented toward a participatory design). This research measures the impact of participatory design projects into the population located in the outskirts of Bogota, Colombia through case of study.
- Awards - First place in the First Biennale of Public Space in Bogota Colombia under the topic: "Comprehensive Management of Public Space"
- Activities - Drone pilot, Virtual Tour Photographer (360° Camera), Graphic Designer, assisted with statistics, surveys, interviews and focus groups.
- Link - <https://www.plataformaarquitectura.cl/cl/923876/estos-son-los-ganadores-de-la-1-degrees-bienal-del-espacio-publico-de-bogota>

Jun 2013
Sep 2013

Facultad de Arquitectura, Diseño y Artes [PUCE] | Quito - Ecuador

Field Research on Amazon Land Use Patterns

- Professor - Santiago del Hierro Kennedy
- Info - Inter-institutional Cooperation Project between PUCE and the Provincial Government of Sucumbíos (GADPS) with the support of Fundación Avina. The Consultorio Territorial Amazónico (CT), was a participatory field investigation project in Ecuador's northern Amazon region and conducted by a team of researchers and students from the fields of urbanism, architecture, geography, anthropology, ethnography and sociology. It was based at the Provincial Government of Sucumbíos in Lago Agrio and received valuable support from the Center for Agricultural Research and Services (CISAS), the Kichwa indigenous communities of Añangu and Nueva Providencia, members of several cooperatives from the Parishes of El Eno, Limoncocha and San Roque, and representatives of Portonapo Providencia.
- Activities - Modulated demographic data, developed maps GIS+CAD, booklet designer Adobe Suite.
- Link - <https://www.santiagodelhierro.com/project/ct-amazonico/>

May 2013
Jan 2013

Facultad de Arquitectura, Diseño y Artes [PUCE] | Quito - Ecuador

Manta Manaus Lab - Research and Design Platform For The Amazon

- Professor - Santiago del Hierro Kennedy
- Info - The Manta-Manaos Lab was an academic research and design program comprised of three advanced design studios at PUCE's School of Architecture, Design and Arts. It focused on the zone of influence of the new transfer port being proposed by Ecuador's government for Providencia, in the northern bank of the Napo River and part of the Manta-Manaos inter-oceanic corridor initiative. The environmentally sensitive location of this project created several challenges for students, as they would have to move beyond the disciplinary boundaries of architecture to deal with economic, ecological, political and social topics in a multi-scalar approach. The process and results of these studies were presented at the South America Project (SAP) in Harvard's GSD and in the XIV Architecture Biennial of Buenos Aires. Parallel studios on the same topic were also conducted with Paulo Tavares (PUCE) in Manaus in 2012 and with Roger Sherman at UCLA in 2013.
- Activities - Designed a network of communal micro-enterprises in the Amazon. Through the inclusion of micro-enterprises, an organic model of urban implantation within the communities was proposed and a study of the indigenous native housing was developed to conserve their community's principles.
- Link - <https://www.santiagodelhierro.com/project/manta-manaus-lab/>

PUBLICATIONS

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|------|---|
| 2020 | <p>Quechua Architecture International Competition Quito- EC</p> <p>Cuicocha Mirador Lookout</p> <p>Author - Luis Flores, Amal Tarik, Riad Wehbi, Ruiqing Zhou</p> <p>Awards - Honorable Mention (4th place)</p> <p>Link - https://www.quechuaarchitecturecompetition.com/cuicocha-mirador</p> |
| 2019 | <p>Dong Gong, Plym Distinguished Visiting Professor Illinois - US</p> <p>Illinois School of Architecture [UIUC]</p> <p>Author - Botond Bogнар</p> <p>Page - 75</p> |
| 2015 | <p>TIL 2015, Congreso Latinoamericano de Arquitectura BA - Argentina</p> <p>Universidad de Moron</p> <p>Author - Oscar Borrachia</p> |
| 2013 | <p>TIL 2013, Congreso Latinoamericano de Arquitectura BA - Argentina</p> <p>Universidad de Moron</p> <p>Author - Oscar Borrachia</p> <p>Page - 156 -157</p> |

WORK HISTORY

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|---------------------------------|--|
| <p>Jun 2021</p> <p>Jun 2020</p> | <p>Associate Architect Michigan - US</p> <p>DLZ Corporation</p> <p>Projects - Berrien County, Silver Beach Master Plan, MI</p> <ul style="list-style-type: none"> - Kalamazoo County Fires Station 2, Conceptual Design, MI - New Operations Facility of the Gerald Ford International Airport, Grand Rapids, MI - Kent County North Campus: Sheriff Department & Health Clinic, Grand Rapids, MI - Kalamazoo Department of Public Safety Station No. 2, Kalamazoo, MI - Van Buren County Jail Addition and Renovation, Paw Paw, MI <p>Activities - Specialized in the design of airport facilities, sheriff's stations, health clinics, fire stations and jails from schematic design to construction documents.</p> <ul style="list-style-type: none"> - Managed Integrated Project Delivery method through BIM 360 with Revit Autodesk. - Developer of cost/time schedules and materials' take off calculator. - Provided support in reviewing submittals and RFI's. - 3D virtual tours and render developer with Lumion. <p>Link - https://dlz.com/</p> |
| <p>Nov 2018</p> <p>May 2015</p> | <p>Founder / Project Manager Quito - Ecuador</p> <p>FG Arquitectos Design-Build</p> <p>Projects - Iza Tower [2018], Guayllabamba House [2017], Garzon House [2017], Molina-Guerrero House [2016], Corner House [2015], Makrocel Tower [2015]</p> <p>Info - Firm specialized in environmentally responsible design and construction systems at all scales, by focusing on the possibilities of recycling, in situ clean energy production, water harvesting and reuse, high and low-tech hybrids, the investigation of local materials, and the reactivation of local ecologies.</p> <p>Activities - Responsible for overseeing architecture projects in all phases, including programming, conceptual design, site development, construction documentation and construction administration.</p> <ul style="list-style-type: none"> - Prepared reports, specifications, technical analysis to fully define the design requirements, equipment and services required. - Provided technical direction within engineering design / AutoCAD, building design, layouts, build details, schedules and materials. - Negotiated contracts with vendors and ensured that contracts were fit for purpose, cost-effective and appropriately incorporated Service Level Agreements. |

- Established and operated the information systems necessary for effective scheduling and recording of contract work.
- Informed contractors of projected changes in resource or work demand so that they could take appropriate action.

Oct 2017
Jun 2017

Junior Architect | Quito - Ecuador

del Hierro UA, Architecture and Planning

- Projects - Master plan for a residential complex in a rural parish of Puenbo in Quito's Metropolitan District
- Activities - Collaborated with spatial planning practice with participatory design processes. CADD Designer, Site measurer, and photographer.
- Link - <https://www.santiagodelhierro.com/>

Abr 2017
Jun 2017

Junior Architect | Quito - Ecuador

Muños Duque Building Co.

- Projects - Design of a Master Plan for a Residential Complex of 28 semi-detached dwellings
- Activities - Team of Drafting Projects. Drew blueprints documents for public bidding.
- Developed construction documentation for the prototype house in AutoCAD.
- Link - <http://munozduque.com.ec/page/home>

Jan 2016
Jul 2015

Junior Building Manager | Quito - Ecuador

Jose Pio Escudero Architect

- Projects - Demolition of old facilities and construction of a new kindergarten for the "La Condamine" French International School
- Activities - Construction of a new 30200 SQF building in a record time of 2 months.
- Coordinated the work of 300 workers, including contractors and masons.
- Reviewed occupational safety and guided the construction process based on construction plans.

May 2015
Feb 2015

Junior Architect | Quito - Ecuador

Cero80 Arquitectura, Design Firm

- Projects - Renovation of Ambato County Building into a City Hall
- Renovation of an Unesco Heritage House located in Downtown Quito into a Hotel Boutique
- Activities - Compiled an inventory of cultural heritage buildings, including photographic survey, hand drawings, blueprints and BIM model.
- Developed renovation proposal and construction documentation for the municipality.

Dec 2013
Oct 2013

Drawer Intern | Quito - Ecuador

Physical Plant Management PUCE

- Projects - Laboratories for Research on Infectious Diseases for New Campus PUCE
- Elementary school building for San Gabriel High School
- Activities - Measured existing features and created CAD drawings.
- Assisted in the creation of construction documents.
- Provided support in reviewing submittals and RFI's.

Dec 2013
Aug 2013

Construction Intern | Quito - Ecuador

Ripconci Cia. Ltda.

- Projects - Restructuring of Santa Clara Park, Phase 1
- Activities - Designed urban furniture, public spaces, including volleyball court, playgrounds and trails by the use of Autocad 2D and Sketch Up.
- Maintained and oversaw the project's manual and specifications.
- Managed multiple aspects of client, team and project coordination, including full documentation coordination with consultants (structural, MEP, lighting, AV, acoustical, accessibility, building envelope, life safety)

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| | <p>Construction Intern Quito - Ecuador</p> <hr/> <p>FRACTAL Engineering & Consultant Firm</p> <p>Projects - Restructuring two iconic streets of Colonial Quito</p> <p>Activities - Supervisor of construction of underground infrastructure, design of public spaces, assembly of floors, tree planting and installation of street furniture.</p> <p>- Control of the safety of work personnel, equipment, and machinery.</p> |
| <p>ADDITIONAL</p> | <p>In progress Jan 2020</p> <hr/> <p>Teacher Volunteer Illinois & Michigan - US</p> <p>Stone Creek Church & Road to Life Church - Children Ministry</p> <p>Activities - Shared stories about ethics and values to Lower Elementary, K-2 Grade.</p> <p>- Learned Pestalozzi method of teaching: learning by doing (playing).</p> <hr/> <p>Dec 2015 Mar 2015</p> <p>Volunteer Quito-Ecuador</p> <p>Mana del Cielo Ministry</p> <p>Projects - Implementation of 12 Emerging Bamboo Houses in Ecuador</p> <p>Activities - Collaborated as the principal designer and construction manager.</p> <p>- Coordinated collaborative work in an interdisciplinary team of 8 people and raised 4,500 USD.</p> <p>- Provide food and clothing to indigenous communities affected by natural disasters in Ecuador.</p> <hr/> <p>Aug 2014 Dec 2014</p> <p>Teacher Assistant Quito-Ecuador</p> <p>School of Architecture - PUCE</p> <p>Projects - Desing Studio I, Strategies of Architectural Design</p> <p>Activities - Imparted foundations of design and sketching based on the book <i>Architecture: Form, Space & Order</i> by F. Ching.</p> <hr/> <p>Feb 2015 Aug 2009</p> <p>Courses Quito-Ecuador & Workshops</p> <p>Congress - Latin American Architecture Buenos Aires - Argentina [2 times]</p> <p>- Architectural Biennale Quito Ecuador [2 times]</p> <p>Seminar - Seminar Workshop on Emerging Housing</p> <p>- Seminar on Sustainable Design</p> <p>- Seminar on Collective Housing</p> |
| <p>SKILLS</p> <p>*Certified</p> | <p>Software</p> <hr/> <p>*AutoCAD - *Revit - *SketchUP - Rhino - *Lumion - ArcGIS - Open Studio - Sefaira - *Illustrator</p> <p>*Photoshop - *Indesign</p> <hr/> <p>Handcraft skills</p> <hr/> <p>- 3 D Printing - Laser Cutting - Virtual Walks - Modelmaking - Sketch Ideation - Wood Shop - Metal Shop</p> <hr/> <p>Certifications</p> <hr/> <p>- LEED Green Associate</p> <p>- Revit 2021 Autodesk Certified</p> <p>- Illustrator LinkedIn Certified</p> <p>- Photoshop LinkedIn Certified</p> <p>- AutoCAD LinkedIn Certified</p> <hr/> <p>Languages</p> <hr/> <p>Spanish - Native Speaker</p> <p>English - Fluent</p> |