

FRANCESCO DiCAPRIO

651.216.3122

frdicaprio01@gmail.com



Education

- 2013-2018* **College - Princeton University**
GPA: 3.59
B.S. in Civil Engineering, Structural Focus
Certificate in Architecture
Sigma Xi - Selected for engineering honor society
Senior Thesis: - wrote a 100+ page thesis on flooding in Lagos, Nigeria and its impact on the city's slum communities.
- 2016-2017* **Minneapolis College of Art and Design**
Took 2 semesters of graphic design courses during a year off from Princeton.

Work Experience

- Feb. 2019 - Aug. 2020* **AECOM - Minneapolis, MN - Fortune 500 architecture and engineering firm with offices in over 50 countries**
Architectural Designer - Assisted with the design of several large-scale projects, notably the St. Paul Riversedge development project (a reimagining of a section of St. Paul's waterfront that would include 4 new highrise buildings and a large public plaza) and a planning effort for the Dallas-Fort Worth Airport (a redesign that encompassed all terminals and transportation networks). Brought an expertise in computational design tools - Grasshopper and Dynamo in particular - to rapidly develop design iterations for these and other projects.
- Sep. 2016 - May 2017* **TEA2 Architects - Minneapolis, MN - midsized residential architecture firm with over 40 years of history**
Architecture Intern - Assisted with the design of new residential structures and the remodel of older ones. Was responsible for the organization and maintenance of the material sample library, including coordinating meetings with suppliers. Performed assessment, documentation, and analysis of project sites.
- Jun. 2015 - Aug. 2015* **Nanda Eskes Arquitetura - Rio de Janeiro, Brazil - small 3-person architecture studio**
Summer Architecture Intern - Worked on a public housing development for a small mining town in northern Brazil. Designed housing units and block layouts, and made 3D renders of housing models. Performed cost calculations and redesigns to keep project under a tight budget.
- May 2016 - Sep. 2016* **Tin Fish - Minneapolis, MN**
Kitchen hand - Spent a summer doing food prep for a beloved fish restaurant on the shore of Bde Maka Ska.

Skills

CAD Programs - Rhino (with Grasshopper), Revit (with Dynamo), AutoCAD, Microstation, SketchUp, Blender
Coding Languages and Web Design - C, C++, Java, Python, Processing, HTML and CSS
Adobe Programs - Photoshop, Illustrator, InDesign
GIS Programs - ArcGIS, QGIS, and GIS plugins for Grasshopper (Elk, @it)
Proficient illustrator and draftsman

Other Experience

- 2018 - present* **MSP AoA NOMA**
Member of local chapter of organization that boosts the voices of minority architects. In charge of maintaining and updating the chapter's website.
- 2018 - 2019* **Creator of Pothole zine**
Collaborated with a journalist friend to independently produce, print, and distribute a series of zines, reporting on St. Paul happenings. Solicited art contributions, wrote for, and handled graphic design for the publication.
- 2020 - present* **Catholic Charities Homeless Shelter Volunteer**
- 2013 - 2016* **Division 1 Varsity Track and Field Athlete**