

## EDUCATION

**Cornell University, College of AAP** - Ithaca, NY May 2019

**GPA:** 3.7

Bachelor of Architecture  
 Minors in Computer Science and Information Sciences  
 AAP Dean's List

**Foothill High School** - Pleasanton, CA May 2014

**GPA:** 4.0

## PROFESSIONAL EXPERIENCE

**Keystone Strategy** San Francisco, CA **Senior Associate** July 2019 – Current

- Developed new product offerings and business strategies for Keystone's Information Strategy and Risk practice
- Interfaced directly with industry experts and C-level executives to conduct outreach and offerings research
- Lead technical analysis and assessment of numerous Fortune 500 companies and their software infrastructures

**KPF UI For Sidewalk Labs** New York, NY **Summer Computation Specialist** May 2018 – August 2018

- Developed generative city models focused on optimizing pedestrian comfort and measuring environmental impacts
- Designed and developed 3D data visualizations tool for executive feedback - now being sold commercially
- Created real-time data analysis tools for optimizing and informing construction processes

**United Technologies** Brooklyn, NY **Research Strategy Advisor** May 2018 – January 2019

- Developed material for illustrating the potential of new research ventures
- Directly interfaced with executive directors and C-level executives while conducting outreach to industry experts

**Tesla Motors** Fremont, CA **Special Projects Summer Associate** May 2017 – August 2017

- Designed, implemented, and launched Tesla's Retail 2.0 initiative for Model 3 release with attention to applications of emerging building management and retail technologies
- Managed business relationships with 20 contractors across 3 continents with a focus in the Asian Pacific region
- Lead IT improvement initiatives for the optimization of workplace security and company information policy

**Autodesk** San Francisco, CA **Intern - AR & VR UX Designer, CG Generalist** May 2016 – August 2016

- Researched new interfaces for virtual reality platforms and their synergies with existing Autodesk products
- Conducted quantitative analysis comparisons between interface methods to quantify improvements and impact
- Developed a research project focused on combining modular software components to create VR based 3D modeling and design tools - presented to CEO & CTO with accolades

**Google via adecco** Mountain View, CA **Engineering Analyst - ATAP Group** Summer 2014 & Summer 2015

- Developed a prototype for simplifying the modular configuration experience for Project ARA, a modular smartphone, solving the paradox of choice and reducing the barrier to configuration
- Conducted UX research on variations for the Project ARA marketplace and their impact on consumer perception
- Created a web platform and Android application for users with no technical knowledge to configure a modular phone

**Cornell University** AEM **Entrepreneurial Marketing and Strategy Researcher**

- Researched marketplace entry strategies and business models for VR startups in commercial real estate
- Conducted surveys, interviews, and market research to develop a business model and specifications

**Cornell University** Program of Computer Graphics **Virtual Reality Lab Researcher**

- Working with Don Greenberg in the Cornell Program of Computer Graphics, researching realistic lighting conditions in virtual reality for developing accurate architecture visualizations
- Developed go-to-market strategy for transitioning research projects to NVIDIA and Disney development teams

## AWARDS

**D.I.V.A. Day** UC Berkeley, First Place Fall 2017

- Created daylight analysis tools for architectural design and visualization of design options

**LinkedIn Case Competition** First Place Summer 2016

- Developed a system that worked to establish equality and trans-discipline interaction in the workplace

## SKILLS

Coding	Data Science	Drafting & 3D	Machine Learning	Rapid Prototyping	Web Dev
Python C (++) Java OCaml	Pandas Numpy Excel Ubuntu (16.04+)	AutoCAD Rhino + Grasshopper 3DS Max Adobe Suite	MTurk (Data Validation) Keras Scikit-learn	Sketch Framer(.js) Adobe XD Processing	JQuery Bootstrap 3D.js JavaScript