

EDUCATION

University of Southern California
B.S. Computer Science and Business Administration

Los Angeles, California
Aug 2015- May 2019
GPA: 3.5/4.0

EXPERIENCE

Google: Software Engineering Intern

May 2018- Aug 2018

- Helped design, plan, develop, and document the Android TV Google News app from start to MVP over **14 weeks**
- Prioritized features for multiple releases to meet manufacturer shipment deadlines
- Sought out product management side projects including Google News offline/data saving feature development

Fund3 (Blockchain startup): Product Growth Engineer

Dec 2017- May 2018

- Helped scale an early stage startup through Series A funding on a 4-person business development team
- Researched cryptocurrency market opportunities and performed extensive competitive analysis
- Architected CRM database, managed investor and customer relations, and designed product roadmaps
- Assisted technical development on data retrieval and statistical analysis with quantitative modelling and regressions

USC Institute for Creative Technologies: Developer / Product

Oct 2016- Nov 2017

- Acted as de facto product manager and coordinated a team of **7 researchers** in creating a virtual mentorship system
- Corresponded with investors and contributed to **4 research publications**
- Increased language model accuracy of system from **47%** to **61%** with **1600** training questions and **200** test questions
- Created a **70%** smaller domain specific language model from Google's word corpus (originally 3.6GB)

USC Leonard Davis School of Gerontology: Full Stack Web Developer

Jul 2016- Oct 2016

- Revamped websites and discussion forums for a series of online classes as an independent contractor

PUBLICATIONS

Domain Specific Reduction of Language Model Databases: Overcoming Chatbot Implementation Obstacles

[MODSIM 2018](#)

MentorPal: Interactive Virtual Mentors Based on Real-Life STEM Professionals

[ITSEC 2017](#)

Patent Law and Defense Technology: Original Intent and Current Practice

[ITSEC 2017](#)

Enabling Computer Generated Interactive Conversation: New Technologies Address Turing's Challenge

[SIW 2017](#)

PROJECTS

Fundu (Swift)

Sep 2017- Dec 2017

- Built a full stack iOS application for collaborative and educational stock investing with live data
- Engineered the social platform and educational mobile tool and pitched a comprehensive business plan

Lucre (Swift)

Sep 2017- Dec 2017

- Wrote a native iOS application for budget tracking with complete documentation and agile based deliverables
- Implemented data visualization with iOS frameworks, automated UI/Unit testing, and Firebase database integration

TECHNICAL SKILLS

- **Proficient:** Java, Python, Swift, HTML/CSS, Android and iOS mobile development, web development
- **Working Knowledge:** JavaScript, C++, SQL
- **Other Experience:** Product management, UI/UX, design (Sketch, InVision, Illustrator), business development, technical writing, crypto assets and blockchain, finance

EXTRACURRICULARS

○ Wayve Capital: **Founder and Technical Director**

Dec 2017- May 2019

○ CAIS++: **Machine Learning Developer**

Aug 2017- May 2019

○ LavaLab: **Entrepreneur/Developer**

Jan 2017- May 2019

○ SC Outfitters: **Adventure Guide**

Aug 2016- May 2019

AWARDS

- Invited to attend the [Forbes 2017 Under 30 Summit](#) as a Forbes Under 30 Scholar
- Invited to present at the [2017 Global Grand Challenges Summit](#) on virtual learning and natural language processing
- One of 20 students selected from 300+ applications for the [2017 Huawei Seeds for the Future](#) fellowship