

TY FENG

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EDUCATION

University of Miami

Graduating December 2019

B.S. Computer Science (*Major GPA: 3.80*)

RELEVANT COURSEWORK: Theory of Computation*, Software Engineering*, Database Systems*, Android Programming, Data Structures and Algorithm Analysis, C Programming and UNIX, Computer Organization and Architecture, Programming II, Graphic Design, Discrete Mathematics, Probability and Statistics, Linear Algebra
**Ongoing coursework*

University of California - Berkeley

Summer 2018

RELEVANT COURSEWORK: CS 160 UI Design and Development (HCI), DESINV 190 Design Thinking

PROJECTS AND EXPERIENCE

(*More projects on www.tyfeng.com*)

PyAccountant

June 2018 - August 2018

Project Manager & UI/UX Design

Berkeley, CA

- Redesigning programming education for accountants through an engaging and interactive story involving an accountant and demons
- Saving accountants 60 hours per month by helping them automating data entry and reducing dependence on close-source and expensive accounting software
- Built with HTML, CSS, JavaScript, and Django back-end; project is on pyaccountant.tyfeng.com

FireAway

June 2017 - August 2017

Project Lead & UI/UX Design

Berkeley, CA

- Using human-centered design principles to redesign an automated fire prevention and detection IoT system for homeowners to reduce the majority of human errors. Advised by Dr. Alice Agogino and Dr. Euiyoung Kim
- Built a culture of design innovation within our team of 4 people, which was crucial to creative problem solving that meets our user needs
- Case study accepted for publication on theDesignExchange, the world's largest open-source innovation archive of design methods and case studies (link: www.thedesignexchange.org/case_studies/267)

Arblee

June 2016 - August 2017

Co-founder & Chief Operating Officer

Stanford, CA

- Using augmented reality to expand social media into physical reality to bring people together for common interests
- Built the startup's website using HTML, CSS, and JavaScript at www.arblee.com
- Developed the startup's business model using insights gathered from over 150 customer interviews and user testings

SERVICE

CHI 2019

Peer Review

Completed peer reviews on case studies for the world's premier human-computer interaction conference

SKILLS

Programming Languages

Java, Python, C

Web Technologies

HTML, CSS, JavaScript, Django, Paper.js, Bootstrap, jQuery

Design Tools and Methods

Adobe Creative Suite, User Interviews and Observational Studies, Empathy Map, Wireframe, Persona, Heuristic Evaluation

Others

Android SDK, Unix shell, Git, L^AT_EX