

Andee Liao

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SKILLS

PROGRAMMING

Swift • bash • Python • Go • JS • Java
Objective-C • matlab • SQL • C/C++
HTML5/CSS • PHP

TOOLS

XCode • Git • VSCode • Bash
Django • React • Redux • jQuery
MySQL • Bluetooth (BLE) • Hexcode

EDUCATION

UNIVERSITY OF WATERLOO

Waterloo, ON

ETH ZURICH (EXCHANGE)

Zurich, Switzerland

BS IN COMPUTING AND FINANCIAL MANAGEMENT | AUGUST 2017

Dean's List

Cum. GPA: 3.7

Scholarships:

- Rene Descartes Scholarship
- President's Scholarship of Distinction
- President's Research Award
- International Experience Award
- Jim Colvin Scholarship

WATERLOO VELOCITY

Resident

- Leading entrepreneurship program at the University of Waterloo
- Organized Hacknights, Participated in Pitch Contests

LIFE

Bullet Journal • Tennis • Baking
Cooking • Lettering • Writing

OTHER

- Women in Computer Science Chair
- Hour of Code Organizer
- Hackbright Mentor
- Code Nation Volunteer
- Hack the North
- HackMentalHealth (Winner: HuddleApp)
- Grace Hopper Conference

LINKS

Github:// [andeeliao](#)
LinkedIn:// [andeeliao](#)

WORK EXPERIENCE

CAREER BREAK

June 2020 - now | San Francisco, New York, Toronto, Shenzhen

- Co-founder (CTO) doyoucee app: automatically categorized and rated Corporate Social Responsibility of user purchases (Plaid, Swift/iOS)
 - Architect and design scalable iOS app from the ground up (MVVM, Composable, Unidirectional Dataflow)
 - Hiring and managing team of engineers
 - Budgeting and optimizing limited technical resources creatively
 - Designing and leading User Interviews to validate and test product theories
 - Managing investor relationships
- Chinese language and cultural immersion
- Developed unique hand-lettering artwork for social media and commissioned pieces, host art events [dreamhaus.art](#)

AFRESH TECHNOLOGIES | SOFTWARE ENGINEER, IOS

August 2019 - May 2020 | San Francisco, CA

- Architect infrastructure to lay foundations for features and performance enhancements (Swift/iOS, JS/node)
- Built API endpoints to provide data to iPad app (Typescript/node)
- Collaborated with design and product to define specs and build features to meet requirements and deadlines (Swift)

CARROT INC | SOFTWARE ENGINEER, IOS

July 2017 - April 2019 | Redwood City, CA

- Built iOS app + bluetooth framework (Swift/iOS, CoreData, CocoaTouch)
- Designed and built new hex API for embedded device (CoreBluetooth, BLE)
- Refactored large existing codebases (Swift/iOS, JS/node)
- Documented and ran deployment processes to App Store (iOS)
- Built new API endpoints to provide data to frontend/mobile (JS/node)

BAZAARVOICE | SOFTWARE ENGINEER, DATA INFRASTRUCTURE

May 2016 - August 2016 | San Francisco, CA

- Fixed bugs on company system of record (Cassandra)
- Refactored data cleanup method to process requests asynchronously (Java)
- Designed, developed and tested web application that provides GUI to SoR, previously only accessible through CLI (Go/React)

BAZAARVOICE | PRODUCT MANAGER

January 2016 - April 2016 | San Francisco, CA

- Iterated on product design and functionality with UX/UI and Engineering
- Analyzed data to determine the impact of potential new features (SQL)
- Research sentiment, gather requirements, manage stakeholder expectations

MICROSOFT | PARTNER MARKETING ASSOCIATE

April 2014 - December 2014 | Mississauga, ON

- Managed team of 5 and met project deadlines and specifications
- Forecasted, tracked and allocated a budget of \$441k

EXTRACURRICULAR

UNIVERSITY OF WATERLOO | ORIENTATION - LEAD DIRECTOR

September 2012 - October 2015 | Waterloo, ON

- Recruited, managed and empowered a team of over 200 students
- Increased sponsorship by over 23%, directly managed a budget of \$115k