

Daniel Chen

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3 Douglas Park Apt. 419, Boston, MA 02118
Available: May 2019 – December 2019

Education

Northeastern University, Boston, MA Sep. 2016 - Present

College of Computer and Information Science

Candidate for a Bachelor of Science in Computer Science with a Minor in Entrepreneurship Expected May 2020

Related Courses: Software Development, Web Development, Database Design, Computer Systems,
Object-Oriented Design, Algorithms & Data Structures, Embedded Design Enabling Robotics

Activities/Honors: NU ACM, NU Hacks, Intramural Soccer, International Scholar Scholarship

Carleton University, Ottawa, ON, Canada

Sep. 2015 - Apr. 2016

School of Computer Science

Related Courses: Linear Algebra I & II, Introduction to Computer Science, Introduction to Statistical Analysis

Honors: Dean's List, International Scholar Scholarship

Technologies

Languages: JavaScript, Java, C++, Python, Ruby, Elixir, Racket, C, HTML, CSS, MIPS, x86 Assembly

Other Tools: Express, Flask, React, Angular, Bottle, Phoenix, Rails, PostgreSQL, MySQL, SQLite, MongoDB

Work Experience

CIRCLE, Boston

A global crypto finance company that serves over 8 million customers across 195 countries and has facilitated over \$75 billion in blockchain trading and settlements

Full-Stack Software Developer Co-op

May 2018 - Dec. 2018

- Worked closely with the consumer web and API teams to build and deploy new features, improve third party service integration, find and fix bugs, patch security concerns, and update/optimize legacy code in React.js, AngularJS, Node.js, and Java for all our current consumer products (Circle Pay, Circle Invest, USDC)
- Parallelized our entire API test suite, reducing build times from over an hour to around 30 minutes
- Optimized code by combining excessive requests to improve the performance of servers by 66% during monthly cron tasks that intelligently sent emails to our users with all of their recent transaction information
- Contributed to the platform and web app for the grooming and launch of USDC, a fiat-backed stablecoin
- Went on-call to respond to and fix emergency concerns in our consumer product stack

FIRST CODE ACADEMY, Hong Kong

Education startup that has offered computer science courses to over 10,000 primary and secondary school students

STEM Course Instructor Intern

May 2016 - Aug. 2016

- Taught and designed curriculum in Java, Python, Unity, and other more accessible tools for classes of up to 8 children ranging from age 7 to 18 (MIT AppInventor 2, MCreator, and Scratch)

Projects

Divvi, BostonHacks

Nov. 2018

- Developed an app that allows users to add balances and create groups, then easily split a bill amongst members of a group with a photo of the receipt
- Architected our entire user authentication and session management system in Express.js and React
- Helped build out an optimized Optical Character Recognition engine to pull relevant information from a bill

Cap.py, HackBeanpot - *Winner*

Feb. 2018

- Engineered a web app with Flask that generates social media caption suggestions given a photo
- Designed and built the flow of our app and implemented live scraping of sites for caption suggestions

ARgot, WellesleyHacks - *Winner*

Nov. 2017

- Built an iOS augmented reality app which recognized selected objects in the environment, then provided translations, sample phrases/sentences, and generated audio recordings in the second language

Interests

Photography, videography, education, marketing, basketball, cryptocurrencies, AI, and dance