Daniel Chen

chen.daniel@husky.neu.edu **|** (857) 498-9863 **|** dchen.tech
3 Douglas Park Apt. 419, Boston, MA 02118

Education

NORTHEASTERN UNIVERSITY, Boston, MA   Sep. 2016 - Present
Khoury College of Computer Sciences
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

Technologies

Languages: JavaScript, HTML, CSS, Java, C, C++, Python, Ruby, Elixir, Racket, x86 Assembly, MIPS
Other Tools: React, Express, Flask, Angular, Bottle, Phoenix, PostgreSQL, MySQL, SQLite, MongoDB

Work Experience

FACEBOOK, New York City
Internet company focused on giving people the power to build community and bringing the world closer together
Software Engineer Intern   Sep. 2019 – Dec. 2019
- Worked on the LIGHT project, a large-scale fantasy text adventure game research platform
- Designed and implemented a full game engine interface in React.js for world design
- Built a data management web application to manage entities and edges within LIGHT's database

APPFOLIO, INC., San Diego
A SaaS company developing customer-centric cloud-based products
Software Engineer Intern   May 2019 – Aug. 2019
- Built a spreadsheet importer which shorted the onboarding process for new affordable housing customers from weeks of manual work with a POC, to a single file upload
- Rebuilt a legacy API with the Grape framework to support front-end ORM functionality with Spraypaint.js
- Participated in discovery/research into supporting HUD affordable housing units
- Assisted in onboarding other new hires and interns through their initial projects

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
- 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

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

AR/VR, UI/UX, AI, photography, videography, education, marketing, basketball, cryptocurrencies, and dance