

---

## EDUCATION

University of California, Santa Cruz - *Computer Science (B.A.), 2016*

## OBJECTIVE

Seeking new opportunities for growth and career advancement. Skilled in full-stack development with a passion for designing innovative solutions.

## SKILLS

**Concepts** Agile methodology, Algorithms, Data Structures, Full Stack Development

**Programming** Ruby on Rails, NodeJs, Python, PostgreSQL    **Languages** English, Mandarin Chinese

**Technologies** Git, Node.js, AWS, Elastic Beanstalk, Lambda, SQS, Firebase, Heroku, AngularJS, Redis, Jira

## EXPERIENCE

**Software Engineer** - Accrualify by Corpay Summer '22 - Current

Architecting solutions for scaling Accrualify systems 10-20x by 2024

- Designed and built custom distributed audit log archival microservice in AWS Lambda using Node.js, utilizing Amazon SQS for reliability and rate management, AWS DocumentDb (MongoDB) for storage
- Currently archiving tens of millions of records daily, with plenty of room for further scaling

Provided ongoing support for established corporate card systems

**Software Engineer** - Accrualify Inc. (Acquired by Fleetcor Technologies) Fall '20 - Summer '22

Project Owner/Engineering Lead for our innovative Corporate Card module

- Developed and implemented systems that contributed to the success and eventual exit of the startup
- Developed and oversaw a system for issuing corporate debit cards and processing tens of thousands of transactions worth millions of dollars
- Collaborated with cross-functional teams, including engineering, business development, and customer relations, to gather requirements and implement project tasks
- Enabled new revenue streams and monetization channels by integrating with key Accrualify modules

**Software Engineer** - Nextbee Corp. Winter '19 - Fall '20

Technical point of contact for Nextbee enterprise clients

- Interfaced with clients to gather requirements and build solutions to fit their needs
- Adopted existing projects to maintain and improve current systems

**IT/Software Engineer** - Photo USA Corp. Summer '17 - Winter '19

- Assessed and identified weaknesses in company tech infrastructure and developed software solutions aimed at elevating production visibility and increasing production efficiency
- Utilized Node.js to write an internal print production tracking server
- Interfaced in Mandarin with Taiwanese offshore team to test and integrate server changes
- Maintained Ruby on Rails backend
- Researched and prototyped tools and technologies to be integrated into our development stack