

Evan Hsia

ehsia1.github.io
echsia16@gmail.com | 860.519.4112

EXPERIENCE

THE CREDIT JUNCTION | SOFTWARE ENGINEER

February 2019 - Present | New York, NY

- Developed frontend features to core product in Vue.js and conducted product demos after each weekly sprint
- Developed backend features to execute operations in AWS Lambda and run database REST operations using Java
- Developed Excel parsers to extract asset data from client financial statements
- Built and conducted end to end tests and integration tests
- Environment: Java, JUnit, Vue.js, PostgreSQL, AWS Lambda, AWS S3

RANKSCIENCE | SOFTWARE ENGINEERING INTERN

June 2018 - August 2018 | San Francisco, CA

- Developed a feature to rewrite HTML on client sites through the use of JavaScript snippets
- Developed a service using Express.js and Puppeteer API to launch a headless browser to read HTML strings from sites
- Performed on-call DevOps work by managing AWS EC2 instances on ElasticBeanstalk environments
- Improved performance speed of the services that read and write HTML
- Built systems to work with Google Webmaster Tools data and populate A/B test results in MySQL database daily
- Improved the development process by condensing several steps into one CLI command to help future engineers
- Environment: Python, JavaScript, Express.js, Puppeteer, MySQL, AWS ElasticBeanstalk, EC2, RDS

RANKSCIENCE | SOFTWARE ENGINEERING INTERN

June 2017 - December 2017 | San Francisco, CA

- Developed a tool used to create and run A/B tests on client sites to improve their SEO
- Maintained the content delivery network used to store A/B tests and execute them through HTML rewrites in production
- Developed a web portal for clients to use to view their experiments and send payments using Stripe API
- Built a Slackbot to automatically deploy a new environment to ElasticBeanstalk upon a push to a Github branch
- Environment: Python, JavaScript, Express.js, React.js, Redux.js, Docker, Clojure, AWS DynamoDB, ElasticBeanstalk, EC2, S3

EDUCATION

JOHNS HOPKINS UNIVERSITY

BS IN COMPUTER SCIENCE

Minors: Applied Math & Statistics, Entrepreneurship & Management

2015-2018 | Baltimore, MD

Cum. GPA: 3.55

Dean's List (Fall 2017, Spring 2018)

PROJECTS

ST. FRANCIS NEIGHBORHOOD CENTER WEB PORTAL

Web Portal: <http://stfrancis-dev.sis.jhu.edu>

Project Info: <http://www.dsn.jhu.edu/courses/cs310/reservoirhill>

Environment: Java, Lutece, MySQL, Maven

LARGE SCALE WEB SCRAPER

Large scale web scraper used by Tuscany Strategy Consulting to extract quantitative product information across many categories

MLB STAT PADDING WITH DR. ANTON DAHBURA

Scraped data from PITCHf/x database in R to study stat padding during the 2016 and 2017 MLB seasons and published press release containing working paper in December 2016: [Johns Hopkins Magazine](#)

COURSEWORK

Algorithms

Data Structures

Artificial Intelligence

Network Security

Software for Resilient Communities

SKILLS

Languages

Python • Java • C++ • C • JavaScript •

PostgreSQL • MySQL • R • HTML/CSS •

Matlab

Frameworks/Tools

AWS • Git • Docker • Maven • Ruby on Rails

• Linux/Unix

CONNECT

Github://[ehsia1](#)

LinkedIn://[evan-hsia-bab778105](#)