Evan Hsia

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EXPERIENCE

PLENNY | Co-Founder
August 2018 - Present | Baltimore, MD
- Plenny is a web and mobile app for users to follow and donate to charities and organizations
- Expected to launch MVP by end of 2018
- Working with other co-founders James Tamayo (Towson University '19) and Karun Kannan (Johns Hopkins University '19)

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
- Created a Slackbot to automatically deploy a new environment to ElasticBeanstalk upon a push to the Github production branch
- Environment: Python, JavaScript, Express.js, React.js, Redux.js, Docker, Clojure, AWS DynamoDB, ElasticBeanstalk, EC2, S3

INFORMATION SECURITY INSTITUTE AT JOHNS HOPKINS UNIVERSITY | Research Assistant
In collaboration with Dr. Anton Dahbura
May 2016 – June 2017 | Baltimore, MD
- Scraped data from PITCHf/x database to study stat padding during the 2016 and 2017 MLB seasons
- Provided weekly leaderboards for the 2017 season
- Published a press release containing the working paper in December 2016: Johns Hopkins Magazine
- Environment: R

EDUCATION

JOHNS HOPKINS UNIVERSITY
BS in Computer Science
Minors: Applied Math & Statistics, Entrepreneurship & Management
Expected December 2018 | Baltimore, MD
Cum. GPA: 3.5
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

COURSEWORK

Artificial Intelligence
Network Security
Software for Resilient Communities

SKILLS

Languages
Python • Java • C++ • C • JavaScript • MySQL • R • HTML/CSS • Matlab
Frameworks/Tools
AWS • Git • Docker • Maven •Ruby on Rails • Linux/Unix

CONNECT

Github://ehsia1
LinkedIn://evan-hsia-bab778105