DEVON YU

SAN FRANCISCO, CALIFORNIA
1(415) 235-4088
DEVONYU415@GMAIL.COM

LINKEDIN.COM/IN/DEVONYU
GITHUB.COM/DEVONYU
DEVONYU.COM

PROFESSIONAL EXPERIENCE

Hack Reactor @ Galvanize | **Structured Study Program Teacher Assistant**   Aug 2018 – *Present*
- Teach, mentor, and advise students through Hack Reactors curriculum focusing on JavaScript fundamentals
- Conduct Technical Interviews to evaluate Student Readiness and deliver feedback for identifying strong/weak points
- Answer help tickets, track student performance, conduct lectures, and host townhall meetings

Devonyu.com | **Freelance Web Developer**   Aug 2017 – *Present*
- Collaborate with clients to design and develop web applications, portfolio pages, and personal blogs
- Maintaining updates to projects and developing new features on a reoccurring basis for multiple clients
- Utilizing webpage optimization techniques to reduce load times including CDN usage, minification, and caching

APPLICATIONS

NextLens.io | **Full-Stack Software Engineer** | *LIVE*   Feb 2018 – *Present*
Lens recommendations evaluated on user affinity on certain photography categories

- Designed systems architecture by utilizing SQL visual designer for SQL Schema and LucidCharts for UX flow chart
- Developed modular interface components with React for core functionalities and resuability
- Styled components with Semantic UI React to create a consistent, sophisticated, and familiar UI
- Developed RESTful API with Node and incorporated best practices such as hashing passwords, asynchronous programming, route organization, error handling, and monitoring
- Persisted user impressions with PostgreSQL for data analysis for system recommendation algorithm
- Implemented unit tests and snapshot testing with Jest with coverage history and statistics recorded to Coveralls
- Streamlined Heroku deployment process by integrating Travis CI for continuous integration/deliveries

Pinteresting Analytics | **Back-End Software Engineer**   Oct 2017 – Nov 2017
Pinterest advertisement ratio optimization service

- Defined and developed backend service for a Pinterest clone based on Service-Oriented Architecture
- Built service gateway with Node to handle operations between micro-services with 10 million simulated users
- Integrated AWS SQS message bussing to create a decoupled, high-throughput, fault-tolerant processing pipeline
- Load tested and generated over 30 million rows of data for query to learn and apply scaling optimization techniques
- Visualized simulated data using Elasticsearch, Logstash, and Kibana for metric analysis

Watch Potato | **Front-End Software Engineer**   Aug 2017 – Oct 2017
TV/Movie App for binge watchers with automated scheduling

- Received and interpreted an existing codebase to debug, design, develop, and optimize features
- Integrated SMS reminders/feedback rating with Twilio API to engage users with mobile interactions outside of platform
- Developed a dynamic User Profile page with React/Semantic UI for a robust and customizable UI/UX

TECHNICAL SKILLS

Strong: JavaScript (ES6), React, Node + Express, PostgreSQL, MySql, RESTful API, GIT, Travis CI, Jest

Experienced: HTML5, CSS3, Ruby, AngularJS, jQuery, MongoDB, Semantic UI, Bootstrap, Amazon SQS, Jekyll, Redis, Material UI

EDUCATION/CERTIFICATIONS

Hack Reactor | Advanced Software Engineering Immersive
San Francisco, CA, 2017

UCSD | B.S. in Management Science, Minor in Business
San Diego, CA, 2013