BRIAN TANG

SOFTWARE DEVELOPER

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github.com/brtang

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OBJECTIVE

Computer Science graduate with programming, web development, and server maintenance experience seeking an Entry Level Software Engineer position

EDUCATION

Bachelor's of Science
Computer Science

University of Santa Cruz
2013-2017

SKILLS

Languages: Java, JavaScript, Python, C++
Front-end: HTML5, CSS3, ReactJS, Flux, AngularJS, Sass, Bootstrap
Back-end: Node.js, Express.js, Gulp, ES6
Mobile: Android, React Native
Web Servers: Apache, Nginx, Unix (Linux)
Databases: PostgreSQL, MySQL, NoSQL, MongoDB, JDBC
Cloud Services: Amazon Web Services
Testing: TDD, Mocha, Jasmine, Selenium

RECOGNITION

Dean's List Winter 2017

EXPERIENCE

Software Developer for Mira Bella Energy 01.17–06.17
github.com/brtang/Sunlight_CMPS116

- Developed a back-end system using Node.js and PostgreSQL with modular structure to allow for code-reusability in future development
- Developed front-end components of web application to allow users to log-in to view their light-pole data points as well as geographical locations, remotely configure their light-poles, and receive notifications
- Designed application's cloud architecture using Amazon Web Service's Elastic Beanstalk, S3, and Cloud Front.

Web Developer for UCSC Student Media Center 09.16–06.17

- Developed and maintained Student Media websites using Wordpress to expand student-led organizations' online web presence
- Cut down on monthly web hosting costs by migrating Student Media websites to single Digital Ocean server and configured Apache web server to support multiple virtual hosts
- Managed DNS settings for domains owned by Student Media

Software Developer Intern at Swisk Inc. 06.16–09.16

- Increased number of clients by scraping web platforms for potential clients and their contact data using Python's Scrapy framework and Selenium framework.
- Increased potential user base by using Twitter API to collect user data from competitors to directly market to users
- Analyzed strengths and weaknesses of competitors' marketing techniques by scraping their social media posts and post metrics

PROJECTS

Friend Locator: github.com/luke-shepherd/AdultFriendLocator

- Developed a RESTful API service using Node.js and MongoDB that allows for authentication and separation of routes using Json Web Tokens
- Developed front-end components using React Native that interact with RESTful API to support app features including login, registration, search for users, add users as friends, reject friend requests, and display friend's location on a map view

Tabspace: github.com/clwright/tabspace.

- Developed Google Chrome extension that allows users to organize selected tabs into categories for quick access increasing productivity
- Developed core functionality such as storing, retrieving, and updating user objects in Google Chrome's sync storage allowing users to access their saved data across different devices