Jordan Michaels
Software Engineer

Experience

Software Engineer – JPMorgan Chase & Co.
July 2018 — Present // Wilmington, DE

- Tech lead and architect for a Java, TestNG, & Selenium based automation framework used for UI functional testing which features the following:
  - Extension of core Selenium API that provides convenience methods and data structures for interacting with a web application
  - Custom built assertion library that automatically takes screenshots of the application and logs each step to an Extent test report
  - Utility that serializes Excel workbooks into JSON test cases using a custom template, allowing business to efficiently procure new test scenarios
- Developed & maintained a full stack web application leveraging React.js and Spring-Boot that is used for tracking approvals of mortgage pricing changes
- Lead developer on an automated database optimization initiative utilizing shell scripts to clean up & archive old loan data in order to lower storage costs

Technology Analyst Intern – JPMorgan Chase & Co.
June 2017 — May 2018 // Wilmington, DE

- Developed a full stack cloud-based micro-service with an Angular 2 UI and a Java, Spring-Boot, & Kafka back-end
- Created a full stack web application using HTML5, CSS, Javascript, jQuery, Bootstrap, Java, Spring-Boot, & Oracle DB

Personal Projects

- **Trading Bot –** Python based trading bot that leverages custom technical analysis strategies to automatically manage positions of various assets
- **Exchange –** React Native & Firebase mobile app that allows users to create an electronic business card & connect with other users via NFC
- **Local Coin –** Built a core blockchain using C++, transaction server using NodeJS + ExpressJS, & an Ionic mobile app for conducting transactions
- **Personal Portfolio –** Website built with Angular 2+, Bootstrap, & Firebase that displays experience, skills, & projects
- **Restaurant Roulette –** Cross platform mobile application built using Ionic, Angular 2+, & Firebase that recommends restaurants based on user input

Education

University of Delaware – Computer Information Systems B.S
Class of 2018 // Newark, DE

- Cumulative GPA: 3.9 – Magna Cum Laude

Involvement

- Member of JPMorgan Chase's Force For Good Charity development team
- Winner of University of Delaware VIP Cloud Cryptography Hackathon
- Participant in JPMorgan Chase's Global Hackathon
- Participant in JPMorgan Chase's Code for Good Hackathon
- Project Manager of a pedestrian-safety improvement project at UD

Personal Info

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https://jordsan.me

https://github.com/Jordsan

https://linkedin.com/in/jordswan

Skills

Client Side
- Javascript (ES6)
- React.js
- React Native
- AngularJS
- Angular 2+
- Typescript
- HTML
- CSS / SCSS
- Ionic Framework
- jQuery
- Bootstrap
- Jasmine

Server Side
- Java
- Spring-Boot
- Apache Kafka
- NodeJS
- ExpressJS
- MongooseJS
- JUnit
- TestNG
- Mockito
- Selenium
- Cucumber
- Pinescript

Other Skills & Technology
- Python
- C / C++
- PHP
- ARM Assembly
- MySQL
- Oracle
- MongoDB
- Unix
- UML
- Jenkins
- Agile
- Scrum
- Git
- Firebase
- REST
- Maven
- Cloud Foundry
- MS Office