

# Jordy Guntur

## Software Engineer

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## Relevant Experience

### Software Engineer @ Credit Suisse

June 2019 – Present // New York, NY

- Add REST endpoints to [Java Spring](#) backend that finds and updates trade XML stored within [SQL](#) databases; attach specific user entitlements to handlers. Write unit tests with [JUnit](#).
- Improve [React/Redux](#) front-end web application by removing long-polling and creating additional web socket microservice layer using [Python](#), [Swagger](#), [Flask](#), and [MongoDB](#).

### Front-End Engineer @ Bank of New York Mellon

Sept 2018 – May 2019 // New York, NY [Remote]

- Collaborated with investment management team to create a reporting platform which lets clients log-in, upload data, generate reports, and visualize specific fund performances.
- Developed application using [React](#), [Redux](#), and [AWS Amplify](#). Used [Enzyme](#) and [Jest](#) for testing suite and pipeline; deployed with [Netlify](#). Leveraged third-party and internal API's.

### Full-Stack Engineer @ Army National Guard

Sept 2018 – Jan 2019 // New York, NY [Remote]

- Designed and developed the [front-end](#) of a counterdrug task force's patient portal which records, tracks, and alerts drug overdoses using [React](#) and [Redux](#).
- Contributed extensively to backend server, API, and databases using [Node.js](#), [Express](#), [MongoDB](#). Refactored and updated codebase for [scalability](#); added all documentation.

### Software Engineering Intern @ Credit Suisse

June 2018 – August 2018 // New York, NY

- Developed [REST API](#) and backend NLP application with [Python](#) and [Flask](#) to improve sentiment analysis model; used [spaCy](#) neural coreference resolution and NER. Worked in [Jupyter Notebook](#) environment. Built [React](#) front-end to communicate with API and visualize results.
- Architected and built web dashboard using [React](#) and [Redux](#) that consolidates and transforms data from multiple internal API's into customizable tables.

### Software Engineering Intern @ Union Square Practice

June 2017 – Dec 2017 // New York, NY

- Developed [custom CMS](#) for handling login, registration, profiles, blogs, and comments using [PHP](#), [MySQL](#), [HTML](#) and [\(S\)CSS](#); worked in Linux (Ubuntu) environment.
- Integrated payment system using [Stripe API](#). Managed project via [GitLab](#), enforced [continuous integration](#) and deployment using [GitLab CI](#).

### Teaching Assistant @ University of Rochester

Jan 2016 – Jan 2019 // Rochester, NY

- [\[3 Semesters\] Data Structures & Algorithms](#): lead weekly workshops on DS&A; graded projects and coding assignments. Topics included sorting, dynamic programming, runtime analysis, abstraction, and object-oriented programming.
- [\[3 Semesters\] Web Applications](#): mentored and lead small agile development teams; reviewed student architectures, database designs, coding progression, and workflows over 4 months.

## Skills

### Programming Languages

JavaScript (ES6), Java, Python, C, C++, PHP, HTML, CSS/Sass, GraphQL, SQL, MongoDB

### Libraries & Frameworks

React, React Native, Redux, Gatsby, Node.js, Express, AWS Amplify, Django, Swagger, spaCy

### Tools & Platforms

Git, Webpack, Netlify, Heroku, Docker, Jupyter Notebook, SVN, Linux

### Design

Sketch, Zeplin, Prototyping, Wireframing

## Education

### University of Rochester

2015 – 2019 // Rochester, NY

Bachelor of Arts in Computer Science  
Human Computer Interaction Concentration  
Minor in Economics

### Relevant Coursework

DS&A, Computer Organization, Computer Architecture, Computation Theory, Compilers, Software Analysis, Artificial Intelligence, Programming Design, Web Applications

### Awards

2018 RIT BsidesRoc Hacker CTF - 6<sup>th</sup> Place  
2018 Credit Suisse Hackathon – 3<sup>rd</sup> Place

## Projects

### Promazo App Design

Analyzed requirements then designed high-fidelity application wireframes, designs, and styleguides for developer handoff.

### Accar Jewelry Web Redesign

Redesign and wireframe high-fidelity pages for a watch jewelry company's future site release.