

Chuma Okoro

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Education

- Cumulative GPA: 3.54
- July 2018 - Present **CUNY Tech Prep**, *Year long full stack JavaScript program*, Completion Date: May 2019.
- Relevant Coursework Data Structures, Algorithms, Design & Implementation(Java), Database Systems(SQL), Advanced C++

Technical Skills

- Languages Java, Ruby, SQL, C++, HTML/CSS, JavaScript, Typescript
- Tools/Skills Spring Boot, React/Redux, Rails, Angular, Jenkins, Swagger, Log4j, Agile Software Development, JPA/JDBC connection to database, PostgreSQL, Firebase, Heroku, Google Maps API, Git

Professional Experience

- January 2019 – March 2019 **JustWorks**, *Software Engineering Intern*.
- Wrote a validator with 2 unit tests in order to fix server side bug of number of member bank accounts
 - Created react component for new payroll report and utilized connect method to load data from Redux stores
 - Wrote 6 controller methods(Ruby) to flesh out interactions behind endpoints like generating csv, downloading csv, and authenticating user permissions
 - Broke down project into 7 small pieces of functionality to include intern project in the agile sprints
- June 2018 – August 2018 **MasterCard**, *Software Engineering Intern*.
- Implemented Luhn's algorithm to validate PAN/BIN's before using resources to perform functions on them
 - Developed a RESTful API for returning information about card numbers using Spring Boot
 - Collaborated with team to develop a dashboard in Angular to gain insight on tables in the Data Warehouse
 - Created 2 Jenkins pipelines to allow for continuous deployment of applications
 - Completed 4 user stories and gave status updates during scrum calls
 - Wrote 10 JUNIT test cases across 2 projects using the Assert library

Projects

The Story Connection, CUNY Tech Prep.

- Completed system design to decide what endpoints, models, and views we would need
- Wrote GET request to Google Books API from Express backend to get the book data for application
- Utilized React props to pass data about books to create unique TalkJS chatrooms for the book clubs

The Safespace, 2nd in challenge @ Code For Good Hackathon - 2018.

- Leveraged the SpringBoot framework to serve templates to paths of the web application
- Hosted the application on Heroku's platform to allow for web and mobile access
- Created 2 buckets on an AWS data lake to store the unstructured data for Out and Equal

Hazard, CUNY Hackathon - 2018.

- Utilized Google Maps API to create 2 different maps for tracking nuisances in New York City
- Stored mouse clicks on Firebase to show present nuisances back to users on the collaborative map
- Integrated maps onto templates that teammates worked on to deliver minimum viable product
- Installed the application on Heroku to access it via the internet

Leadership Activities

- August 2018 – April 2019 **Brooklyn College Radio Station**, *Digital Content Manager*.
- Researched and installed plugins on WordPress to do metrics on blog posts
 - Interfaced with executive board, show hosts, and members to collect content for over 15 web-pages
- October 2016 – May 2018 **Black Student Union**, *Treasurer, Vice-President*.
- Worked with Student Government to acquire budgets for high expense events and trips
 - Led events pertaining to scholarships, success in higher education, and networking