

# Sparky Brown Evangelista

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## EDUCATION:

### Queens College

Bachelor of Arts in Computer Science

### New York City College of Technology

Associates of Arts in Computer Science

Flushing, NY

Anticipated May 2020

May 2018

## SKILLS & TECHNICAL SUMMARY:

**Coding Languages:** JavaScript, Java, C++, TypeScript

**Frameworks / Libraries:** React.js, Express.js, Node.js, MongoDB, React Native, Angular

**Technologies:** Oracle, Photoshop, Adobe XD, Git/GitHub, Heroku

**Certifications:** CodePath's Android Development 06/2019

**Spoken Languages:** Spanish (Native)

**Interests:** Basketball, Competitive Swimming, Exercising, Dancing

## RELEVANT EXPERIENCE:

### Department of Citywide Administrative Services (DCAS)

New York, NY

Web Development Intern

June 2018 – PRESENT

- Maintain both the intranet and internet sites for DCAS using Umbraco CMS and TeamSite CMS
- Helped launch the new DCAS internet and intranet website, by implementing designed prototypes in HTML, CSS, and JavaScript making it to be mobile responsive and more accessible to handicap people using WCAG standards.
- Conceived and developed executable code in Java to convert text sent from a business user into an HTML file to update the site and improve workload efficiency
- Diagnosed Umbraco and TeamSite CMS styling bugs and created innovative ways to style pages around the CMS styling constrictions
- Earned CUNY internship innovation award for my exemplary work at Department of Citywide Administrative Services, 05/2019
- Designed webpage prototypes in Adobe XD and Photoshop to show the Deputy Commissioner and Chief Information Officer for approval before developing and deploying

### CUNYCodes

New York, NY

Software Engineer Student

January 2018 – May 2018

- Worked with a team of software engineering students on a mobile app in React Native to help groups of people decide what they want to eat using Yelp's API to find restaurants within the groups desired location
- Learned how to create mobile applications in React Native on Udemy to make the application for both Apple and Android phones
- Connected to Yelp's API using the axios library to obtain data of nearby restaurants.
- Helped create the Front-end to display nearby restaurant's information
- Developed the app's MVP swipe card animation that displays nearby restaurants by storing Yelp's response in an array and slicing the data item that's being currently viewed
- Managed the team as a scrum master, allocating work, tracking the team's productivity, velocity, and removed any impediments

## PROJECTS:

### Huffman Coding

September 2019

- Developed the Huffman coding algorithm in C++ that reads a text file, counts the frequency of each character and creates a tree assigning codes to each symbol to minimize the size of the file when sent in a header over a transport protocol

### Subway Routing

May 2019

- Created a graph in Java containing all of the subway stations in NYC
- Implemented the Dijkstra shortest path algorithm to get to shortest path between stations inputted by a user

### Better Finance

June 2019

- Developed a web application using the MERN stack to track finances by viewing transaction history, creating and tracking budget expenses and calculating when the user will be debt free
- Integrated Plaid's API to receive user's bank information

### Bank Database

May 2019

- Designed and implemented a database system for a bank in Java to create and view bank accounts
- Developed a custom API that works with the database to create, update, and delete information

### Sudoku Solver

April 2019

- Developed an algorithm in Java to take in a sudoku board as a CSV file and print the solution on output text file
- Implemented a HashMap to use the keys as board coordinates and properties as possible candidate values

### Foodie Call

May 2018

- Developed a mobile app in React Native and Django that makes it easier for indecisive users or groups to decide where to eat decided by votes
- Implemented Yelp's API in JavaScript to get nearby Restaurant information

