

Jonathan Canales

EDUCATION

Rutgers, State University Of New Jersey | Aug 2021

Bachelor of Arts | Newark Campus | Computer Science Major | Data Science Minor

Relevant Coursework | Intensive Programming, Data Structures and Algorithms,
Database Administration, Operating Systems, Calculus I, II, III

Skills | Python, JavaScript, R, Swift, React, Redux, Vue, Flask, Bootstrap, MySQL, SQL
Server, HTML, CSS, Linux, Git, GitHub, Bitbucket

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Full Stack

T-Mobile | October 2020 - Present

- Developed a web-based automation internal tool using Flask, jQuery, MSSQL, Bootstrap, Apache, Pandas and WSGI, Git and Bitbucket.
- Increased upload size by over 2800+ rows by implementing PYODBC and Pandas
- Created and troubleshooted a web server with Apache and mod_wsgi with Linux to host web application.
- Implemented a User Interface for a dynamic form input by using asynchronous programming with Ajax, SQL Server, Python.
- Built analytics page to track web application usage amongst users.

Director of IT

ALPFA (Association of Latino Professionals of America) | Sept 2020 – Present

- Director for the developer team using HTML, CSS, JavaScript, Git, GitHub and Bootstrap to create organization page for APLFA.
- Connected MySQL database to frontend to store member information and create new features for dozens of users.

Front End Developer

HackRU | MentorQ | June 2020 – Feb 2021

- Member of a 6-person team who coded and collaborated the frontend of the MentorQ web application using React.js and Redux.
- Used Redux to implement different state changes for user/mentor/admin accounts for thousands of users.
- Implemented Material UI library to create alerts, dialogs, and other interactive components for the front end of MentorQ.