

EDUCATION

New Brunswick, NJ **Rutgers University** **Sep 2017-May 2021**

- **Major:** Computer Science, B.S. (GPA: 3.31)
- **Coursework:** Data Structures, Algorithms, , Software Methodologies, Computer Architecture, Systems Programming, Computer Security, Databases, Internet Technology, Graduate AI
- **Honors:** RTC 2020 Fellow, GHC Scholar 2020, EOF Academic Performance Scholar, Douglass Women in CS

EMPLOYMENT

Manager/ Tutor **Rutgers CS** **Feb 2019-Present**

- Presided over Rutgers CS tutoring lab of 15 student staff, and fostered an inclusive, learning environment.
- Provided tutoring services to 150 students/day in CS fundamentals, data structures, algorithms, & systems.
- Distributed and supported students in finding resources and opportunities that complimented the student.

Software Engineer Intern **Microsoft** **May 2020-Aug 2020**

- Researched, designed & developed an Audit service, API, and database to log changes & updates
- Created User Interface with role based access for admins to view, page through, & query the audit DB.
- Integrated the Audit Service into existing ONV E360 services for automated logging.
- Leveraged C#, .NET Core, React, Azure (Functions, Stor Queue, Sql DB, Monitor, Insights, ADO), Postman.

Software Engineer Intern **Microsoft** **May 2018-Aug 2019**

- Implemented Optical Character Recognition service to automate product activation for user accessibility.
- Integrated into production workflows: product redemption, warranty validation and agent support.
- Leveraged C#, .NET, React, Azure (Functions, Stor Blobs, Cosmos DB, Computer Vision, DevOps), Postman.

Student Developer **Rutgers IT Services** **Jan 2019-May 2019**

- Converged web UIs to meet new database standards using Asp.net MVC, MS SQL Server, and HTML/CSS/JJS.
- Serviced technical tickets through Asana for Rutgers community and organizations, ~95k students/faculty.

Software Developer Co-Op **UPS** **May 2018-Nov 2018**

- Implemented critical UPS ChatBot services such as: Reschedule Delivery, Payment Setup, UPS Stock, Drop Box features, MyChoice Registration, Sentiment Analysis and FAQ data isolation.
- Integrated the UPS Chat Bot into Amazon Alexa, Google Assistant, Skype, and FB Messenger to expand support for over 35 million people in 15 countries.
- Leveraged C#, .NET, MS Azure, LUIS, Dialog Flow, Alexa SDK, MS Text Analytics, and QnA Maker KB.

PROJECTS

Brewba - Bubble tea in 2 minutes

- 3D printed gears in a cardboard conveyor belt moves a cup to receive tea powder, hot water, then boba.
- Smart plug API remotely triggers kuerig to boil water, & arduino controlled servos deposit tea and boba.
- Utilized Python, smart plug, arduino microcontroller, servos, wires, breadboard, 3D printer, and 2 friends.

Git Imitation

- Developed CRUD commands for repos and individual files between secure clients and server connection.
- Utilized C programming, Socket (IP/TCP) Programming, and OpenSSL.

LEADERSHIP

Community Director - Rutgers CS Organization

- Doubled general student involvement, and increased female involvement by 57% over a 1-year period.
- Founder & organizer of the Rutgers Tech Involvement Fair, uniting 22+ tech orgs and over 800+ students.

SKILLS

(**proficient**): C#, Java, JS, React.JS, SQL, Postman | Git, MS Azure, .NET, MVC (**familiar**): C/C++, Python, Linux