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Education

Rutgers University, The State University of New Jersey   Expected Graduation: **May 2021**
  B.S. Electrical and Computer Engineering
GPA: 3.727
Dean's List: All Semesters

Professional Experience

Enterprise Application Services at Rutgers University   December 2019 - Present
Mobile App Developer
  - Working in a team to re-design the UI/UX of the current Rutgers app which is used by over 71,000 students, faculty and staff.
  - Implementing Firebase as the backend to integrate data to the application which is tailored to each user.
  - Using Flutter SDK to simultaneously build iOS and Android Applications.

Office of Information and Technology at Rutgers University   May 2019 – Present
  IT Consultant
  - Provided troubleshooting services to students who encounter technical or software difficulties at the computer lab.
  - Acquired additional training and certification to assist patrons in their dorm to troubleshoot their technological devices.
  - Resolved technological issues by effectively communicating solutions to patrons of various degrees of technological prowess.

Cypher City   July 2019 – October 2019
  Front End Developer (Intern)
  - Startup music company to connect and promote emerging artists.
  - Lead iOS app developer using Swift and Xcode to create an application that will be released on the app-store.
  - Actively developing and designing a flowchart with a team in order to program the application efficiently.

Projects

Better Weather (Web Development)   September 2019 – Present
  - Working with a team to develop a dynamic weather website.
  - Using Dark Sky API to gather data to display on the website.
  - Creating a service which pushes weather information with clothing recommendations to user's phone based off their location.

Theta Tau Website *thetatau.rutgers.edu* (Web Development)   May 2019 – August 2019
  - Used HTML 5 and CSS3 to design the front end without using a template.
  - Implemented Bootstrap 4.0 in order for the website to work on different screen sizes.
  - Applied JavaScript to apply visual effects in order to enhance user experience.

Calculator App (iOS)   January 2019
  - Developed a fully functioning calculator app that performs basic mathematical operations. (+,-,x,/)
  - Wrote the code that takes the input from the UI, performs the calculation, and displays it back to the user.

RSA Codec (Python)   January 2019
  - Created a program which allows the user to generate keys to encrypt and decrypt any message.
  - This project was for educational purposes and has allowed me to understand encryption/decryption algorithms.

Image Blur (MATLAB)   December 2018
  - Developed a program with an UI which allows the user to select a photo from their computer and add a desired level of blur to it.
  - Converted RGB images to a 3D Matrix which allowed the data to be manipulated via an algorithm I developed.

Skills

Programming Languages: Dart, HTML/CSS, Python, C++, Swift
Software: XCode, Android Studio, Flutter, Firebase, Bootstrap 4, Microsoft Visual Studio Code, MATLAB, LTspice, Maple, Microsoft Office, Adobe XD
Languages: Bilingual (English & Japanese)

Affiliation

Theta Tau Co-ed Professional Engineering Fraternity   April 2019 – Present
  Webmaster
  - Redesigned the entire website without using a template by adding a theme and layout that I envisioned.
  - Organized and led a committee to establish a team for efficient collaboration of innovative ideas.
  - Scheduled updates on the fraternity website to showcase active brothers and fraternity events.