CROSSLEY ROZARIO

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EDUCATION

NEW JERSEY INSTITUTE OF TECHNOLOGY: NEWARK, NJ.
BACHELOR OF SCIENCE IN COMPUTER SCIENCE, ANTICIPATED GRADUATION: DECEMBER 2019

Relevant Coursework: Data Structures and Algorithms, Programming in Linux, Computer Networks, Database System Design and Management, Shell Scripting for System Admin, Operating Systems, Computer Architecture

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SKILLS

Swift, Python, C/C++, Java, Bash, Git, Linux, SQL, HTML, CSS, JavaScript

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EXPERIENCE

CROLL REYNOLDS | SOFTWARE ENGINEER INTERN   JUNE 2018 – PRESENT

- Designed easy to use GUI interface and keyboard shortcuts to increase productivity for engineers.
- Converted GW-Basic (command line) programs into Visual Basic .Net (GUI) programs.
- Updated previous Visual Basic .Net programs to output more detailed results.
- Serialized and Deserialized Sizing Objects into XML files.
- Designed Icons for Sizing programs.

PROJECTS

REWINDER: REWIND IT   SWIFT

- Audio recording iOS App which continuously records in the background for easy retrieval for the past 30, 60 or 90 seconds of audio.
- Won "Google Techmaker Best Accessibility Hack" at HackTCNJ 2018 (2-person team).
- Designed User Interface programmatically and created icons for the app. Applied animations and used AudioKit API to generate Audio Waveform.

EXAM MANAGEMENT WEBSITE   JAVASCRIPT | PHP | HTML | CSS

- Website for instructors to create exams and students to take them. Questions must be for python programming. Exams are autograded and sent to the instructor where he/she can review and release it to the student.
- Worked on the frontend design. Sent necessary data to mid using POST request through AJAX (Pure JS) and PHP. Received and parsed data in JSON format.

CATS VS DOGS CLASSIFIER   PYTHON | TENSORFLOW

- Built a Machine Learning model using Convolutional Neural Network to classify whether an image contains a cat or a dog.

PHOTOSHOP | DATABASE CLASS PROJECT   PYTHON | MYSQL

- Built relational database in MySQL to store customer, photo, photographer and transaction information.
- Implemented command line interface for data retrieval from MySQL database.