

MD ISLAM

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SUMMARY

Student at Rutgers University studying Computer Science interested in web development, mobile development, and machine learning. Currently have over 3 years of experience in building cross platform applications for clients and have published 6 applications in the Google Play Store.

EDUCATION

Rutgers University
B.A. Computer Science (Minor: Mathematics) 2018

EMPLOYMENT

Aquery Technologies, Software Developer Intern, New York, New York Jun 2016 - Sep 2016

- Developed Android Wearable application that tracks accelerometer data and heart rate
- Created data transfer feature for Android application using NFC
- Aided in testing and debugging Django backend

Rutgers University, Web Developer, GS-LSAMP, Newark, NJ Sep 2015 - May 2016

- Lead a team to develop and redesign the GS-LSAMP website
- Created an RSVP feature and an online timesheet with email confirmation using SendGrid API
- Developed website backend using PHP and created a CMS to upload new slides and update content regularly

FBD Distributors Inc., Desktop Support Technician, Maspeth, New York Aug 2014 - May 2015

- Provided daily technical support and designed, developed, and maintained company website
- Installed new software per requirements and setup computers for individual staff use
- Liaised with vendors and purchased supplies

SKILLS

PROGRAMMING LANGUAGES: Java, PHP, JavaScript, Python, MATLAB, C++
WEB TECHNOLOGIES: Flask, Django, Express, Meteor, Laravel, CakePHP
DATABASES: MySQL, MongoDB, MS SQL
OS/PLATFORMS: Windows Server & Workstation, Linux, Unix

PROJECTS

Bus or Rail

- Developed cross-platform application using React Native to help decide which mode of transportation is the fastest
- Created web scraper to retrieve all scheduled times from NJTransit website
- Created cron job to automatically run web scraper every week and save updated schedule on Firebase

1StepSearch

- Created a web scraper to grab videos and music from YouTube, classifieds from Craigslist, and images from Bing
- Developed Android application to search and download data using the web scraper
- Created REST API using PHP and MySQL

OpIn

- Developed Chrome extension using JavaScript to post comments on any webpage
- Using Clarifai's "Not Safe For Work" model to detect harmful images
- Created feature to easily post GIFs using Giphy API

AWARDS

1st Place, CUNY Hack

- Web application using NLP that generates notes by aggregating all notes in the classroom
- Using IBM Watson Alchemy API to retrieve text context and subject
- Using Google Drive API to store and retrieve notes

2nd Place, HackNJIT

- Android app using computer vision and NLP to help people take the right medication
- Using OpenCV to detect words in a photo and generate a black and white image which is fed into Microsoft Cognitive Services OCR
- Using NLTK to extract the name, description, and usage information from text

3rd Place, HackNY

- Android app that allows users to buy and sell mobile hotspot data through tethering
- Initial connection done using peer-to-peer to transfer funds through PayPal API and encrypted password
- Created REST API using Flask and MongoDB

ACTIVITIES

New York Tech Meetup, Presenter

- Presented Android app, Peer Wifi, to a theater packed with local technologists