

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 8 applications in the Google Play Store.

EDUCATION

Rutgers University

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

EMPLOYMENT

Paradox Process, *Software Developer Intern*, New York, New York

Apr 2017 - Jun 2017

- Created an iOS and Android application to help people register and track user impulses and emotions
- Designed user interface using Sketch and developed using React Native and D3.js
- Aided in testing, debugging, and publishing to the iTunes App Store and Google Play Store

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, CodeIgniter

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

ScreenGif

- Developed Android application to record and share phone screen as a GIF
- Created editing tool to crop recorded GIFs
- Application installed by 165 users in less than 10 days

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, *Presentor*

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