MD ISLAM

☎ (347) 459-5013   ✉ mdnahian@gmail.com   ◉ New York, NY   % mdislam.com   ◯ mdnahian

EDUCATION

Rutgers University   May 2018
B.A. Computer Science and Mathematics   Newark, NJ

EMPLOYMENT

Catalogic Software   June 2018 – Present
Associate Software Engineer   Woodcliff Lake, NJ
- Collaborated in the development and testing of filesystem driver and cloud backup and restore software
- Refactored and continuously maintained Minio Go SDK to support IBM Cloud Object Storage and Amazon S3
- Devised and implemented throttling algorithm to support higher throughput during cloud offload on the ZFS filesystem

Catalogic Software   January 2018 – May 2018
Solutions Engineer Intern   Woodcliff Lake, NJ
- Created chatbot using Java Spring Boot that retrieves information and manages IBM Spectrum Protect Plus appliance
- Implemented IBM Watson Conversation, Discovery, and Natural Language Understanding Service

Paradox Process   April 2017 – June 2017
Software Developer Intern   New York, NY
- 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

Rutgers University, GSLSAMP   September 2015 – May 2016
Web Developer   Newark, NJ
- Lead a team to develop and redesign the GS LSAMP website using PHP
- Created an RSVP feature and an online timesheet with email confirmation using SendGrid API

SKILLS

- Programming Languages: Java, PHP, JavaScript, Python, MATLAB, C++, Go
- Web Technologies: Flask, Django, Wordpress, Express, Spring
- Databases: MySQL, MongoDB, MS SQL, Oracle
- OS/Platforms: Windows Server & Workstation, Linux, Unix

PROJECTS

Linx   Express, Electron, React, MongoDB
- Chrome Extension and desktop application that allows users to learn a new language by watching Netflix
- Accepted into AngelHack's 12-week accelerator program

Phishly   TensorFlow, Flask, MySQL
- Platform that allows companies to test and train their employees to detect and prevent social engineering attacks

Salus Mind   Keras, OpenCV, Twitter API, Facebook API, Gmail API
- Service that allows institutions like schools to be informed of their students' mental health based on the content of all their social media feeds without jeopardizing their privacy

AWARDS

1st Place CUNY Hack   IBM Watson, Google Drive API
- Web application using NLP that generates notes by aggregating all notes in the classroom

2nd Place HackNJIT   OpenCV, Microsoft Cognitive Services, Keras
- Android application using computer vision and NLP to help people take the right medication

3rd Place HackNY   Flask, MongoDB, Paypal API
- Android application that allows users to buy and sell mobile hotspot data through tethering

ACTIVITIES

New York Tech Meetup
Presentor
- Presented Android application, Peer Wi, to a theater packed with local technologists