lawrencepark | greater nyc area software developer.

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experience

> ### Independent Research
Rutgers New Brunswick under Prof. Desheng Zhang & Zhihan Fang
Spring 2017 (4 months)
- Developed & deployed mapbR (http://mapbr.lare.me) using JQuery/HTML5/CSS3/Bootstrap/MapBox to share Mapbox made maps through HTML pages that are mobile in mind
- Researched and documented various location based data that pertained to heavy traffic in daily activities using Python scripts to comb through CSV and JSON data

> ### Developer Operations Engineer
NYC Mayor's Office: Housing Recovery Operations IT
September 2015 - January 2016 (1 year and 5 months)
- Monitored and maintained 150+ Azure cloud servers from developer, staging, and production
- Helped reduce costs of Azure Cloud environment by ~30% with various monitoring and reporting scripts from PowerShell and Azure's API by reducing database and backup file sizes and scripted automated shutdown schedules
- Set up and developed on HROIT's ERPM database along with developing its password changing protocols using PowerShell and Python
- Completed 250+ tickets regarding debugging and analyizing CRM, Azure, MSSQL, SharePoint, 3rd party, etc...

> ### IT Developer Intern
NYC Mayor's Office: Housing Recovery Operations IT
May 2015 - Sepetember 2015 (4 months)
- Collaborated and developed small tools using Python, JavaScript, and PowerShell from 3rd party monitoring APIs like KeyNote, Incapsule, and Microsoft
- Experienced and monitored various SCOM reports from Azure Directory
- Built, customized, and managed SharePoint sites from the server and browser application level
- Built several small scale non-production CRM development sites
- Wrote and maintained 50+ documentation of Azure, PowerShell, CRM, Active Directory, MS SQL, etc for technical and business use

> ### Hackerspace Assistant
Rutgers University New Brunswick: Lab. for Comp. Science Research
September 2012 - September 2014 (2 years)
- Setup and maintained severavl workspace stations running CentOS, Ubuntu, Windows for independent student research
- Deployed and maintained small scale backups and restores of different operating machines on VirtualBox and machines
- Wrote several concise beginner pieces of documentation on various tools at the Hackerspace for any student to pick up on

skillset

> ### Languages:
Javascript, Python, Java, PowerShell, C, SQL, C++

> ### Cloud:
Microsoft Azure

> ### Markups:
HTML5, CSS3, Sass

> ### Other:
Git, Certified Professional ERPM, SharePoint 2013, Microsoft Dynamics CRM 2012/16, Adobe Photoshop/Illustrator/InDesign, Microsoft Office

projects

> ### MultiThreaded Bank System
Multi-threaded psuedo client-server bank system written in C for final project for Systems Programming

> ### Azure VM Migration Automation
Migrates VHD files on Azure to different storage accounts w/ active status on PSConsole using PowerShell

> ### Indexer
Takes any text file and counts the occurences of all words in alphabetical order and prints into JSON. Written in C.

education

> ### RUTGERS UNIVERSITY: NEW BRUNSWICK
School of Arts & Sciences: Class of 2017
Major: Computer Science (Bachelor of Science)