

Summary:

I am a Computer Science student at Metropolitan State University with plans to finish my degree in the fall of 2021. I have a proven record automating systems and working with others to develop and maintain code. I am always eager to learn a new technology and am eager to contribute in a development role.

Projects:**Machinery and Equipment Database with Front End UI | Database Management**

Goal..... Create a relational database that stores information related to industrial machinery and equipment.
Tools..... Used Java (object-oriented design) —to create a front-end user interface allowing for querying and viewing data from database. Used MySQL—including indexes, stored procedures, and triggers to update and maintain accurate data while allowing for fast querying. Used JDBC to manage connection between Java and MySQL.
Outcome..... Became familiar with creating aesthetically pleasing and intuitive user application, and the innerworkings of full life-cycle development.

Hadoop Project (Custom Map-Reduce) | Big Data

Goal..... From scratch, create a custom map-reduce program to analyze frequency of IP addresses in a large (50,000+ entries) data set obtained from a web server.
Tools..... Used Apache's Map-Reduce Framework (in Java) to write Mapping, Reducing, enum, Partitioning, and combining classes. Created Jar files to execute code. Used Cloudera VM for big data processing.
Outcome..... Became comfortable using large data sets and extracting useful and meaningful data.

Education:**Metropolitan State University | Aug 2019 - Current | GPA: 3.65**

Major..... Computer Science
Courses..... Big Data, Computational Data Mining, Algorithms and Data Structures, Operating Systems, Org. of Programming Languages, Object-Oriented Implementation and Design, Parallel and Distributed Algs., Computer Organization and Architecture, Database Management Systems, etc.

Experience:**Revo Health LLC | IT Intern → Field Support Engineer | Mar 2021 – Current**

Role..... Worked on projects of varying scope using a wide variety of technology and languages. Cultivated relationships with people inside the company and supported them as new software was deployed. Assisted in management of multiple large domains using Active Directory. Interacted with a service ticketing workflow. Manage automation scripts from development to deployment to maintenance.

SJ Computers | Windows Deployment Lead | Feb 2020 – Mar 2021

Role..... Deploy Windows 10 (Home/Pro) to all new / refurbished computers and troubleshoot hardware/software issues as the arise. Oversee a team of between 5 – 7 peers to ensure that quality and accuracy are maintained. Consult with upper management to find ways increase efficacy and optimize the deployment strategy.

Groups:**Member, Phi Theta Kappa Honor Society | Nov 2018 – Current****Skills:**

- OOP (Java, Python, Kotlin)
- RDBMS(T-SQL, MySQL , SQLite etc.)
- Linux/Mac/Windows OS
- Powershell
- Hadoop (Pig, Impala, Hive)
- XML / JSON
- Object oriented design
- Git/Github
- VM's for Dev (VMware, ProxMox, etc.)
- Spring.io
- CMD, and batch files
- RESTful/REST api
- Application administration
- Active Directory
- Typing (70+ wpm)
- 10 Key (10,000 kph)
- Problem solving
- Eager to learn
- Accountable
- Teachable
- Reliable and punctual
- Independent
- Flexible and adaptive
- Passionate about new technology