

Matthew Clark

Computer Science Major
Data Analyst

Contact Info

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Phone

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LinkedIn

<https://linkedin.com/in/mclark1/>

GitHub

<https://github.com/everdein>

Website

<https://mynameismatthew.com>

Languages

Proficient Using

- Java
- C/C++

Experience With

- ARM Assembly
- MySQL
- R
- HTML
- CSS

Software

- Visual Studio Code
- GitHub
- VIM
- Make
- Windows
- Mac

Education

Bellevue College, Bellevue, WA

Graduation: June 2020

- Computer Science Major

Classes

- MATH270 - Probability and Statistical Models (R)
- CS210 - Fundamentals of Computer Science (Java)
- CS211 - Fundamentals of Computer Science II (Java)
- CS300 - Data Structures (C++)
- CS331 - Database Management Systems (MySQL)
- CS341 - Computer Networks (Java)
- CS351 - Computer Architecture I (ARM Assembly)
- CS401 - Algorithms (Java - In Progress)
- CS410 - Software Engineering (Java – In Progress)

Projects

Automated Teller Machine, (Java)

This program is designed with a client, server and database. The client has an application layer protocol to communicate with the server. Upon user verification the user begins banking. The server handles the implemented login, logout, balance check, withdraw and deposit features. The database holds all of the user information such as login, pin number and account balance.

Flight Manifest, (C++)

This program is designed using a linked list and database. Users can add, search, delete and list passengers using their respective flight number. The list feature prints the passenger manifest in ascending order by last name. Finally, there is a quit feature which exits the program.

Experience

Microsoft, Data Analyst, Redmond, WA

October 2013 – Current

- Entrusted to be discrete while working on a high visibility confidential project.
- Analyzes large data sets and applies pattern recognition to resolve 300-500 account concerns per week.
- Applies creative problem-solving skills and uses team collaboration to set grading standards.
- Self-Managed and relied on to make difficult judgment calls on accounts when the data is insufficient.
- Trains new hires current processes and procedures of data set pattern recognition.
- Documents emerging issues, patterns, processes and procedures on the internal Wiki.
- Works directly with data scientists to review data sets and align team standards.