

Noah Ponto

Website: nponto.github.io

Education

University of St. Thomas, St. Paul, MN
Bachelor's of Science in *Computer Science*

Graduating: May 2022

Skills

Computer Programs / Languages: Python, Java, JavaScript, C, C++, CSS, Microsoft Office (Word, Excel, PowerPoint, Outlook), JMP, Adobe Premiere, Linux, Git, SQL, JavaScript, HTML, Swift/Storyboards, Android Studio, Vue.js, Node.js, Restful API, MSSQL Server Management Studio

Language: Intermediate Spanish (Oral and Written)

Projects

JavaScript/HTML/CSS/SQL:

- Co-authored a web-application using JavaScript, Node.js, Vue.js, and our own custom-made Restful API to display St. Paul crime incidents of the past 8 years. Using an interactive map of St. Paul, users could navigate the map to view crimes and select different filters for crime type, time of incident, and even specific neighborhood the crime occurred in. The user could also add or remove incidents from our connected SQLite database using our custom API. The layout of the website was designed using our own custom CSS

Database Design / DBMS:

- Extensive use of Microsoft SQL Server Management Studio, practicing creating, manipulating, and maintaining Databases using various stored procedures as well as following best security and design practices
- Developed a custom Restful API that connected to an SQLite database, allowing for insertion, deletion, and retrieval of over 300,000 St. Paul crime incident reports for use in a web-application

C++:

- Implemented a working bash shell simulation that enabled a user to achieve basic bash functions like print their working directory, print previous commands, print specific lines of a file, as well as commands like "grep" and "echo"
- Used SDL graphics to create a working file explorer that allowed the user to view directories in either standard or recursive style. This implementation also allowed for viewing of most standard file types, creating and editing these files, and displaying file data (size, type, name, permissions)

Java:

- Created a temperature conversion app for Android. The user can select either °F to °C or °C to °F
- Implemented a working café kiosk simulator that would take food and drink orders, as well as various merchandising options, and calculate the total for the user

Python:

- Created a program that could take an image file as input and either convert the image to grayscale or invert the color of every pixel

Swift/Storyboards:

- Created a temperature conversion app for iOS that uses a slider for real-time Celsius/Fahrenheit conversions

Work Experience

UBreakIFix, Woodbury, MN

September 2021 – Current

Electronics Repair Technician

- Diagnosed, troubleshooted, and repaired devices including Computers, Phones, Tablets, and Gaming Consoles
- Explained complex technical issues to customers in a non-technical, simple to understand manner

Target Corporation, Woodbury, MN

May 2017 – August 2019

Sales Associate

- Resolved 1000+ customer complaints and included upper management when required
- Cooperated with a large team to achieve efficient and high quality completion of tasks