Scott Imandt

(631) 923 6165 ▪ Hauppauge, NY ▪ ScottImandt@gmail.com
https://scott-imandt.github.io/Personal-Website ▪ https://github.com/Scott-Imandt

EDUCATION

Stony Brook University   Stony Brook, NY
BS in Computer Science;   Expected Graduation Dec 2023

Suffolk County Community College   Selden, NY
Liberal Arts and Applied Science   Transfered May 2021

SKILLS

- **Programming Languages:** Java, JavaScript, Python, Assembly, C++
- **Technology:** Programming Environments (Eclipse, Visual Studio Code, Net Beans, Arduino IDE, Sublime), Computer Bios System, Fusion 360 C.A.D Software, EasyEDA PCB Design, 3D Printing Software (Cura, Sli3r, OctoPrint), Arduino, Raspberry PI
- **Personal Skills:** Teamwork, Product development, Leadership

RESEARCH PROJECTS

VIP Biomedical Engineering Team, CICaidA   Stony Brook, NY
Software Developer for Custom Hardware Team   January 2023 - May 2023

- Assisted the team to optimize current hardware implementation by directing the team to focus on portability, power consumption, hardware design, cosmetic design
- Built Prototype using technical technics (Soldering, Circuit Creation) for prototype testing
- Spearheaded new technology methods such as (PCB Design, Circuit Redesign) to assist in optimization methods

Game Developer Project, Map Game   Stony Brook, NY
Software Developer   January 2023 - May 2023

- Modeled different game concepts utilizing map data formats such as (Shapefile, GeoJSON)
- Contributed to the discovery phase by utilizing requirements engineering tactics to create game concepts using map data formats

PROJECTS

M.E.R.N Application, *Playlister;* Mongo | Express | React | Node

- Created a web application that implements a user login system that allows users to search and add songs to a playlist that can be played inside the browser using **Youtube API**
- Establish a clear understanding of front and backend web development by Creating a JavaScript, Mongo, Express, React, and Node

Hiking App, *Trail Recorder;* Java | JavaFX

- A Java Application that utilized a user login system that allowed users to search and add custom hiking trail data. This application also allowed users to upload personal hiking information using the custom trail data
- Enhanced knowledge of data Structures by creating a Java application that stores user and hiking trail information.

Android/Arduino App, *Smart Blinds;* Arduino | Java | Android Studio

- Created a Physical hardware solution and an Andriod App in order to control window blinds in rooms. These blinds use photoresistors to automatically determine what degree it should be open.
- Developed a better understanding of mobile app development and Wireless communication by Creating an Android app that utilizes Bluetooth Technology to communicate with a custom Arduino Smart Blind system

NRF24/Arduino System, *Fence Project;* Arduino| Web Server | PCB Design | BMS System

- Innovated a custom hardware solution that secured a given perimeter using sensors to track when fence gates are open
- Gained a better understanding of Electronic hardware and Network Communication by creating a secure muli client-to-web server communication system between multiple NFR24 wireless modules

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WORK EXPERIENCE

Best Buy   Commack, NY
Computer Sales Associate   August 2018 - August 2021
- Relationships selling products, services, and solutions by getting to know customers and helping solve their unique end-to-end needs
- Asking lifestyle questions to thoroughly understand customer needs, and offering relevant services, solutions, and accessories so customers can make informed decisions to complete their purchase.
- Utilize all relevant sales tools to drive profitable growth
- Assist other departments such as Home Theater, Smart Home, Mobile, and Appliances to help distribute the workload

Uncle Guiseppe's Market   Smithtown, NY
Retail Service Representative   July 2016 - August 2018
- Manage the dairy department when the supervisor is absent by allocating work to fellow employees and managing the dairy storage box
- Describe merchandise and explain merchandise use, operation, and care to customers
- Recommend, select, and help locate or obtain merchandise based on customer needs and desires.
- Great Customers and assist them with any wants or needs and assisted them regarding questions about merchandise or store operation
- Assist other departments in order to help distribute the workload and increase efficiency