

# Scott Imandt

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

## EDUCATION

**Stony Brook University**  
BS in Computer Science;

Stony Brook, NY  
Expected Graduation Dec 2023

**Suffolk County Community College**  
Liberal Arts and Applied Science

Selden, NY  
Transferred 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, Slic3r, OctoPrint), Arduino, Raspberry PI
- **Personal Skills:** Teamwork, Product development, Leadership

## RESEARCH PROJECTS

### **VIP Biomedical Engineering Team, CICAidA**

*Software Developer for Custom Hardware Team*

Stony Brook, NY  
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 techniques (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**

*Software Developer*

Stony Brook, NY  
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 Android 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 multi client-to-web server communication system between multiple NRF24 wireless modules

# Scott Imandt

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

## 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