

# Scott Imandt

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## EDUCATION

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

Stony Brook, NY  
Expected Graduation May 2024

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

Selden, NY  
Transferred May 2021

## SKILLS

- **Programming Languages:** Java, JavaScript, Python, Assembly, C++
- **Programming Technologies:** Mongo, Express, React, Node, Mongoose, Material UI, JavaFX, Tkinter
- **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:** Leadership, Teamwork, Product development

## RESEARCH PROJECTS

### VIP Biomedical Engineering Team, CICAidA, XCode Project

Stony Brook, NY

*Software Developer for Custom Hardware Team and Team Leader*

January 2023 - December 2023

- Assisted the team in optimizing current hardware implementation by directing the team to focus on portability, power consumption, hardware design, cosmetic design
- Built Prototypes using technical techniques (Soldering, Circuit Creation) for prototype testing
- Spearheaded new technology methods such as (PCB Design, Circuit Redesign) to assist in optimization methods
- Utilized version control software to create a streamlined workflow

### Game Developer Project, Map Game

Stony Brook, NY

*Software Developer and Prototype Team Leader*

January 2023 - December 2023

- Rapid prototyped a proof of concept Python application with a team of developers to test game concepts and design strategies
- 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
- Created UML Diagrams and Flow Diagrams to create a blueprint for game development

## PROJECTS

### M.E.R.N Application, [DIYTaskTracker.com](http://DIYTaskTracker.com); Mongo | Express | React | Node

- Published website that tracks users maintenance on D.I.Y job tasks and informs the user when maintenance is required
- Utilized **Material UI API** to create a clean user interface design with the react component design strategy
- Created a User Authentication System utilizing JSON Web Tokens and salted hashed passwords
- Published and hosted website online using a custom domain and CNAME/A name DNS routing

### Hiking App, [Trail Recorder](http://TrailRecorder); 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](http://SmartBlinds); Arduino | Java | Android Studio | PCB Design

- Created a Physical hardware solution and an Android App to control window blinds in rooms. These blinds use photoresistors to automatically determine the degree of sunlight exposed in a room.
- 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

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## WORK EXPERIENCE

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### **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 assisted 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