Scott Imandt

(631) 923 6165 ▪ Hauppauge, NY ▪ ScottImandt@gmail.com ▪ www.ScottImandt.com ▪ www.github.com/Scott-Imandt

EDUCATION

Stony Brook University   Stony Brook, NY
BS in Computer Science;   Expected Graduation May 2024

Suffolk County Community College   Selden, NY
Liberal Arts and Applied Science   Transfered 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, Unity Game Engine, Unreal Game Engine, Blender
- **Personal Skills:** Leadership, Teamwork, Product development, Strong Communication Skills, Quick Learner

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, Earth Uncharted   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
- Developed a Unity Engine game utilizing map data formats such as (Shapefile, GeoJSON) and developed key game functionalities such as GeoJson file loading, line rendering, and our line grading algorithm
- Hosted a public playtest of our Unity Engine game and solicited player feedback to incorporate into future development
- Created UML Diagrams and Flow Diagrams to create a blueprint for game development

PROJECTS

M.E.R.N Application, *DIYTaskTracker.com;* Mongo | Express | React | Node
- Published website that tracks user's maintenance on D.I.Y jobs 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;* 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 | PCB Design
- Created a Physical hardware solution and an Andriod App to control room window blinds. The blinds use photoresistors to automatically determine the degree of sunlight as well as Bluetooth for manual adjustment
- 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

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