Garrick Sewsankar

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gsewsankar.github.io

SKILLS

• C/C++, Java, Python	• IPC 610-A Class 2 Solder Training
• HTML5/CSS, JavaScript	• CIW Internet Business Associate Certification
• ARM LEGv8	• Certified Microsoft Office Specialist PowerPoint
• BeGaze SMI Eye Tracking	• Adobe Photoshop, Cyberlink PowerDirector, Unity, Blender

EXPERIENCE

PHILIPS Invivo Corporation, *E1 Technician*   December 2019 – Present

- Assembled and tuned MRI Radiofrequency coils by soldering components to boards and calibrating the coils to work with correct frequencies.
- Completed documentation for each coil built and met manufacturing production deadlines each week.

UF Transportation Institute & JainLab, *Undergraduate Researcher*   October 2018 – June 2019

- Analyzed video eye tracking data by creating regions of interest using BeGaze software on a driving safety project under the I-STREET initiative.
- Research was used to determine where drivers look while driving and if audio alerts would help protect pedestrians and cyclists.

Cypress Creek Performing Arts Department, *Sound Designer*   August 2016 – June 2017

- Maintained and ran sound systems during theater productions that required simultaneous music, microphone audio, and sound effects.

Orange County Public Schools, *Assistant Service Technician*   August 2013 – May 2014

- Replaced computer hard drives, monitors, and other peripherals.

PROJECTS

PacMan Artificial Intelligence Algorithm

- Created and implemented an algorithm to control a pacman character to play the game itself using Java.

Mock Minesweeper Game

- Re-created the game Minesweeper using the C++ SFML library.

Technovation Challenge: SootheSense

- Led a team of developers, as project manager, to the creation of an Android App about productivity using MIT App Inventor.

UF Hackathon: SwampHacks

- Began development of a mobile game using Android Studio.

EDUCATION

University of Florida   Expected: 2022

Bachelor of Science in Computer Science, Minor Business Administration

Completed Coursework

Data Structures and Algorithms, Computer Organization, Programming Fundamentals, Professional Communications