

# Garrick Sewsankar

garricks.tech | 407-797-6198 | gsewsankar31@gmail.com

## Skills

Programming: C/C++, Java, Python, Dart

Web: HTML5, CSS, JavaScript, NodeJS

Frameworks: React/React-Native, Firebase, Svelte, GraphQL, Flutter, Express, MongoDB, AWS Amplify

Software: Agile SCRUM Methodology, VScode, Adobe Photoshop, Cyberlink PowerDirector, Unity, Blender

Electronics: IPC 610-A Class 2 Solder Training, ARM LEGv8, Raspberry Pi

## Experience

### **Full Stack Developer – FweeApps** Orlando, FL 04/2021-Present

- Responsible for the system design and maintenance of a scalable social platform that utilizes Google cloud functions within a virtual marketplace.
- Built and designed a client with React to display user information retrieved from an API that I developed with GraphQL to handle accounting data and transactions for each user's account.

### **Electronics Technician – PHILIPS (Invivo)** Gainesville, FL 12/2019-12/2020

- 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.

### **Undergraduate Researcher – UF Transportation Institute & JainLAB** Gainesville, FL 10/2018-6/2019

- Analyzed video eye tracking data by creating regions of interest and exporting data to .CSV files, 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. Funded by the Florida Department of Transportation.

## Projects (see [github.com/gsewsankar](https://github.com/gsewsankar))

**Free World Exchange** - Created, Designed, and Developed a fully functional online social media marketplace where users exchange virtual items using an in-market digital currency backed by time. **(React, React-Native, Firebase, GraphQL)**

**Auto Accident Data Visualization Tool** - Programmed a data visualization dashboard using a dataset for car accidents across the United States from 2016-2021. Designed complex trend queries to perform trend analysis on factors that affect car accidents over time. **(Oracle SQL, React, D3JS)**

## Education

### **University of Florida – Bachelor of Science (B.S.) in Computer Science**, May 2022

Significant Courses – Data Structures and Algorithms, Probability in Computer Science for Machine Learning, Ethics, Data, and Technology, Business Law

Certifications – CIW Internet Business Associate Certification, Certified Microsoft Office Specialist