# Revanth Reddy Burramukku

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## EDUCATION

**Georgia State University Honors College — Atlanta, GA** — August, 2022 - Present

*Bachelor of Science in Computer Science* — *GPA: 4.08/4.3*

Awards Received: Presidential Scholarship for Fall 2023, President's List Awards for Fall 2022, Spring 2023

## EXPERIENCE

**Organizer** — June, 2023 – Present

*GTXR @ Georgia Tech* — *Atlanta, GA*

- I'm an organizer for the GTXR Extended Reality Club at Georgia Tech. I organize the ImmerseGT hackathon and assist with on-campus club events. Additionally, I'm developing web applications to elevate the virtual experience of the hackathon, ensuring an immersive experience for global participants.

**Learning Environments Support Technician** — Feb, 2023 – Present

*Instructional Innovation and Technology @GSU* — *Atlanta, GA*

- In various collaborative spaces, I manage the setup and maintenance of IT/AV devices. I offer swift technical support, minimizing disruptions, and maintain detailed documentation, including user and troubleshooting guides, for all devices.

**Machine Learning Intern** — May 2023 - August 2023

*iSuite Software Solutions Pvt. Ltd.* — *Hyderabad, India*

- At my internship at iSuite Software in India, akin to SAP, I developed predictive models for sales using logistic regression and analyzed client data for tailored recommendations. I also designed a CRM-integrated customer segmentation tool with decision trees, offering personalized marketing insights from customer behaviors and histories. Additionally, I aided in automating CRM workflows like lead assignment and task scheduling using decision trees.

**STEM Tutor - Chemistry** — Jan, 2023 – Present

*Georgia State University Learning and Tutoring Center* — *Atlanta, GA*

- As a STEM tutor at GSU, I clarified chemistry concepts for students, broke down challenging material, and provided effective study materials for better retention.

## PROJECTS

**Green Journal** | *React.js, Next.js, Three.js, Blender, Spline, Tailwind CSS, Typescript, OpenAI API* — Fall 2023

- GreenJournal is a dashboard for GHG metrics. Using EPA research, we estimate carbon footprints in metric tons yearly. An animated Earth shows users' impact. A history log tracks changes, with a side panel for notes. Our GPT-3.5-Turbo chatbot, Echo, gives footprint-reducing feedback. Test it here or go to greenjournal.tech

**LifeNet Kiosk** | *Python, HTML, SCSS, JavaScript, GPT-3 API, MERN Stack* — Feb, 2023

- Developed LifeNet: a platform for addressing homelessness via public kiosks and a donor site, with a leaderboard and a GPT chatbot.
- Built a user portal with MERN stack and GPT-3 APIs, enabling post updates to kiosks in vulnerable areas.

**Portfolio Website** | *HTML, CSS, JS* — May, 2023

- Created a portfolio website using HTML, CSS, JS. https://revlord.github.io/portfolioweb/

**XRtistic Habitat** | *VisionOS SDK, Unity, Blender, Unreal Engine — C#, C++, Swift* — Fall 2023-Present

- Working on a mixed reality application that will sense a room and display a catalog of products from various companies. These products will be represented as AR models in the VR headset. Once a room preset is created, all the customized furniture for that room can be purchased directly from the respective companies.

## TECHNICAL SKILLS

**Languages**: Python, Javascript/Typescript, C#, Swift, HTML, CSS
**Frameworks**: MERN Stack, Tailwind CSS, TensorFlow library
**Developer Tools**: Git, GitHub