

# Janhavi Dhote

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, GA

May 2028

**Major:** Computer Engineering w/ concentration in Distributed Sys Software Design & Information Internetworks **GPA:** 3.75

**Coursework:** Objects & design, Multivariable Calc, Software Development, Data Structures, Differential Eq, Algorithms

## SKILLS

### Languages:

**Proficient:** Java, Python, HTML

**Intermediate:** JavaScript, CSS, Flutter, Node.js, C++

### Tools:

**Proficient:** Visual Studio Code, IntelliJ, PyCharm, Microsoft Office Softwares, Google Suite, Android Studio

**Intermediate:** Git + GitHub, Figma, Anaconda

## INTERNSHIP EXPERIENCE

**Small Satellite Research Lab UGA** – Ground Operations Engineer

February 2025 - August 2025

- Assisting with GNU Radio for software-defined radio (SDR) applications.
- Working with GRC (GNU Radio Companion) to build signal processing flowgraphs.

**Digitiv Solutions** – Software Development Intern

September 2023 - December 2023

- Designed UI/UX in Figma, used JS & React for the dashboard for user inputs, & used AWS for cloud deployment.
- Collaborated on building a web app, handling server-side scripting, managing databases, & creating APIs using Node.js.
- Got exposure in tools like Jira, Figma, and AWS, for project management, collaboration, and cloud computing skills.

**Adesso Network** – Business Development Representative

June 2023 - August 2023

- Led end-to-end contract onboarding, honing skills in prospecting, objection resolution, and closure.
- Communicated with external organizations to explore partnerships and establish business connections.
- Strengthened negotiation and relationship-building skills while expanding the network's outreach.

## PROJECT EXPERIENCE

**Med-Perplexity** – Medical AI Chatbot | Work Based Learning @ InpharmD

December 2023 - April 2024

- Developed the frontend of a medical AI chatbot using Next.js to make a user-friendly interface for patient interaction.
- Designed and prototyped the chatbot interface in Figma, focusing user experience and healthcare design elements.
- Collaborated with three other developers to integrate the frontend with cloud-based services, gaining experience in API communication and data handling.

**ORP Probe** – Detect water quality | Science Olympiad

November 2023 - April 2024

- Designed and built a water quality detector using Arduino, circuits, and sensors to measure salt levels and conditions.
- C++ to program the arduino to detect anions, cations, and reactions to assess water safety.
- Integrated a 3-light system to visually indicate danger levels, enhancing usability and real-time monitoring.

**EcoConnect** – Web App | HackLah

June 2023

- Led the design process in Figma as the primary frontend developer, creating a visually appealing and user-friendly interface, and implemented the design using TypeScript and SCSS for a seamless user experience.
- Converted Figma designs to Nunjucks and SCSS and placed in the top 10 in this international hackathon.

**Robot Scouting Data Visualizer** – Data Visualization | Techno Titans Robotics

January 2023 – May 2023

- Utilized Blue Alliance API to gather team-specific data, including match history, rankings, and awards.
- Developed Apps Script to transform data orientation and improve readability, streamlining the dataset for better usability.
- Implemented query-based methods to enable efficient retrieval of specific robot data.
- Collaborated with a teammate to make visualizations that presented robot info on different categories for easy access.

**SEWA Health Web** – Web App for SEWA members | Volunteer Organization Project

June 2022 – August 2022

- Served as Project Manager, leading cross-functional teams, including business, development, and UI/UX design.
- Defined product requirements and established clear goals to meet app needs and enhance user experience.
- Contributed to the development process, working with a developer team to implement app features using Flutter.

## COMMUNITY INVOLVEMENT

**Double Helix STEAM School** – Assistant Teacher for Stock Market Class

January 2025 – May 2025

- Curating and designing weekly financial news slides, analyzing markets, earnings reports, and upcoming events.
- Supporting the teacher by helping students understand strategies, market trends, and real-world applications

**Techno Titans Robotics** – Subsystems Programmer

August 2022 – June 2023

- Developed and optimized Java code using WPILib to control the robot's drivetrain with my team.
- Designed testbeds for robot drivetrain for new programmers to practice coding and troubleshooting.
- Served as the Programming Head mentor at a Techno Titans robotics summer camp, and taught foundational concepts of robot and machine programming to local middle and elementary school students.