Dagim G. Tibebeselassie

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EDUCATION

Georgia Institute of Technology   **Atlanta, Georgia**
B.S. in Computer Science   *Expected Graduation, May 2027*
- o   **GPA:** 4.0/4.0
- o   **Related Coursework:** Data Structures & Algorithms, Linear Algebra, Differential & Integral Calc, Intro to OOP
- o   **Concentration:** Artificial Intelligence & System Architecture

EXPERIENCE

MORSE Studio Lab | *Georgia State University*   **Atlanta, Georgia**
Research Collaborator   *Jan 2024 – Apr 2024*
- Developed interactive user interfaces for a robotic drilling system using **Python** and **Plotly Dash**, improving task efficiency by **20%**.
- Collaborated with a multidisciplinary team to ensure seamless integration between UI components and robotic hardware.

Best Buy   **Dunwoody, Georgia**
Shift Lead Computer Department   *July 2023 – Present*
- Led a team of **5+** employees during peak shifts, ensuring smooth operations and efficient task delegation.
- Exceeded quarterly sales targets in M365 by **15%** by mentoring new hires and implementing cross-selling strategies.

National Finalist - "YVIP" Remix Competition | *Georgia Tech*   **Atlanta, Georgia**
Competition Finalist   *Feb 2023 – Mar 2023*
- Ranked in the top **20** out of **600+ participants** in a nationwide coding and music remix competition.
- Designed a unique musical remix using **JavaScript** on EarSketch, combining technical and creative skills.

Web Development Certificate | *Refcode*   **Clarkston, Georgia**
Web Development Course Graduate   *Jun 2019 – Aug 2019*
- Applied **HTML, CSS, and JavaScript** to develop an interactive web interface, hosted on Github for public access.
- Completed the program with top **10%** distinction, demonstrating strong front-end development skills.

PROJECTS

Professional Website Portfolio   **Atlanta, Georgia**
Personal Project   *Nov 2023 – Present*
- Developed and maintained a personal portfolio website hosted on GitHub, showcasing my projects and skills.
- Implemented responsive design principles and using **HTML**, **CSS**, & **JavaScript** to create an engaging user experience.

Gesture-Controlled Screen Brightness Adjuster   **Atlanta, Georgia**
Personal Project   *Feb 2024*
- Developed a real-time hand tracking system using **OpenCV** and **MediaPipe**, achieving **95%** gesture detection accuracy.
- Enabled hands-free control of screen brightness by mapping finger movements to brightness levels, reducing adjustment time by **80%**.

MiniGPT Chatbot   **Atlanta, Georgia**
Summer Project   *June 2024 – July 2024*
- Built a chatbot using **TensorFlow Keras** to create a neural network that detects keywords and responds with statements from a **JSON-based dictionary**.
- Trained the neural network to achieve high response accuracy, providing relevant answers based on input keywords.

ACTIVITIES AND LEADERSHIP

Ethiopian Eritrean Student Association   **Atlanta, Georgia**
Club member   *Aug 2024 – present*
- Engages in cultural events and initiatives that celebrate Ethiopian and Eritrean heritage.
- Collaborates with members to organize events promoting cross-cultural understanding and campus inclusivity.

SKILLS

Programming: Python, JavaScript, HTML/CSS, Dart/Flutter, Plotly, Java
Tools: Visual Studio Code, PyCharm, Github, OpenCv, Numpy, Jupyter Notebooks, Android Studio, Git