Brandon L. Parker

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EDUCATION

Georgia Institute of Technology   **August 2022 – May 2026**
BSCS Computer Science (3.85 GPA)   Atlanta, GA
- **Concentration**: Artificial Intelligence (AI) and Human Computer Interaction (HCI)

Georgia Institute of Technology   **August 2026 – May 2027**
MSCS Computer Science   Atlanta, GA
- **Concentration**: Machine Learning

TECHNICAL SKILLS

Languages: Java, Python, C, C++, C#, HTML, CSS, JavaScript, React, TypeScript, SQL, and Git
Libraries/Frameworks: Pytorch, SpaCy, NumPy, Pandas, Django, REST Framework, Natural Language Processing, Object-Oriented Programming, GCP, Linux, and GitHub

WORK EXPERIENCE

UKG   **September 2025 – Present**
Cloud Network Engineering Intern   Alpharetta, GA
- Built and optimized SaaS networking solutions for UKG products across public cloud and on-premises datacenters.
- Worked with cloud technologies including **VPC Network**, **Cloud CDN**, **Cloud Load Balancer**, **Cloud Functions**, **Cloud Armor**, and **Compute Engine**.

Sensible   **August 2023 – Present**
Founder/Full-stack Developer   Atlanta, GA
- Launched award-winning sustainability extension on the Chrome Web Store; now has **150+ users** worldwide.
- Designed and managed the extension's UI using **Figma**, **React**, and **Material-UI**, through iterating on user feedback and design principles.
- Engineered custom components to overcome library limitations, meeting functional and aesthetic requirements.

Verizon Communications Inc.   **June 2025 – August 2025**
Software Engineering Intern   Savannah, GA
- Deployed an internal web application to centralize and provide access to essential tools and documentation, improving technician efficiency and maintenance workflows.
- Designed and deployed an automated audit tool using **Python** and **Pandas** for analysis reducing daily timesheet approval time by over **60%**, streamlining operational processes.
- Gained first-hand technical insight by shadowing local technician/admin roles to identify end-user pain points and translate them into software solutions.
- Collaborated with cross-functional teams to deliver impactful tools that enhanced operational performance and technician support.

TECHNICAL PROJECTS

Rewind - Spotify Wrapped Website
- Built a Spotify Wrapped web application that generates multi-frame summaries of users' listening habits over different time periods and stores them for future viewing or deletion.
- Designed and implemented the database schema and developed a custom **API** to connect the **Django**/**SQL** backend with the **React** frontend.
- Integrated **Spotify's Web API** for retrieving user data (top artists, genres, tracks) and **OpenAI's API** for generating curated AI summaries, pairing backend logic with UI components for seamless display.

Google Glass Grocery Scanner
- Created a **Google Glass** application that scans grocery barcodes using the **ZXing Computer Vision** library and displays product details from the **Open Food Facts API** via **React Native**.
- Researched and configured compatible library/hardware versions for deprecated Google Glass components to ensure application stability.
- Integrated and optimized API inputs to allow reliable scanning despite hardware video/recording limitations, while improving display flow for user comfort.

Development of Application for Autism Spectrum Disorder (ASD) Support
- Developed a prototype application aimed at supporting socialization in youth with ASD.
- Played a key role in backend development, utilizing **Python** for server-side logic, **React** for multi-platform app design, and **Hugging Face AI API Integration** to receive input and prepare output for **Arduino** component.