

Cason Kenneth Chance

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing

Bachelor of Science: Computer Science

Atlanta, Georgia

Expected Graduation: May 2024

GPA: 3.67

- Threads: Intelligence and People
- Dean's List Recipient (Fall 2021, Fall 2022, Spring 2023, Fall 2023)
- Faculty Honors Recipient (Fall 2022, Fall 2023)

PROFESSIONAL EXPERIENCE

Freelance Software Development

Atlanta, Georgia

Freelance Software Developer

May 2023 – January 2024

- Engineered custom software solutions for various clients
- Built websites, a desktop application, and a mobile application for iOS and Android.
- **Accounting Application**
 - Technologies: Electron, React, Django, SQLite
 - Developed a custom accounting app for a private company
 - Features included data interfacing in a table format, report generation, and direct database interaction
- **Campus Recycler**
 - Technologies: React-Native, Django, PostgreSQL, AWS (EC2, S3, RDS)
 - Created a gamified recycling app for Georgia Tech campus
 - Features a leaderboard of top monthly users, custom bonuses, and a map with recycling bin locations
- Technologies used: React, NodeJS, AWS, ExpressJS, MongoDB, SQLite, Electron, Django, React-Native, PostgreSQL

MRI Software

Atlanta, Georgia

Product Development/Software Engineering Intern

May 2022 – November 2022

- Constructed an online forum where clients could post and talk about their ideas for new features and products that our company could implement
- Technologies used: C#, HTML, Aurelia Javascript Framework, Microsoft SQL Server Management Studio

Veranda

Atlanta, Georgia

Manager/Bartender/Marketing Specialist

March 2022 – Current

- Employee of the Month (August 2022)
- Generate thousands of dollars nightly in revenue for the bar by serving customers in a prompt and friendly
- Marketed our bar on several social media platforms and keep in regular contact with other promoters in the area to generate excitement around our establishments and the events we put on
- Organized events and facilitated deals with local businesses

PROJECTS

PurpleViz (AIATL Hackathon First Place - Computer Vision for Aero Innovation Challenge)

Atlanta, Georgia

Role: Lead Developer

November 2023

- Technologies: React, PostgreSQL, Django, Roboflow API
- Formulated and developed an app for scanning airplane foam blocks to check cleanliness using computer vision (CV)
- Won first place at the AIATL Hackathon for the Aero Innovation Challenge
- Revamped quality assurance process which saved 15 minutes per cleanliness check process

Heat Check

Atlanta, Georgia

Role: Lead Developer

August 2023 – Current

- Technologies: React-Native, Django, SQLite
- Directed a team to create a basketball-centered app that allows users to find courts and find/organize pickup games near them
- Features a highly customizable player profile, a leaderboard based on an ELO system, a searching feature for finding and signing up for nearby games and courts

SKILLS/INTERESTS

- Technical:** Java, Python, HTML, CSS, JavaScript, D3, NodeJS, ExpressJS, RESTful APIs, React, React-Native, Kivy, Assembly, C, SQL, AWS, Django, MongoDB, C#, .NET, Agile/Scrum, Machine Learning, Data Structures and Algorithms, Linear Algebra, Microsoft Office, Linux, Android Studio
- Affiliations:** Sigma Alpha Epsilon Fraternity, Georgia Tech Developer's Club, Georgia Tech Blockchain Club, Georgia Tech Campus Outreach, Boy Scouts of America (Eagle Scout)
- Interests:** Software Development, Artificial Intelligence, Percussion Instruments, Singing, Robotics