SAM GUSTAFSON

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EDUCATION

UNIVERSITY OF MINNESOTA Aug 2024 - Aug 2026

Bachelor of Science in Computer Science

- **Concentrations:** Software Engineering & AI
- **Relevant Coursework:** Object-Oriented Programming, Software Engineering, Computer Security, Discrete Structures, Database Management, Machine Learning & Data Mining

PROJECTS

VERSIDRIVES.COM - Android & iOS App **Orono, Minnesota**

Co-Founder May 2023 - Present

- Developed a full-stack mobile app using Flutter and Google Cloud that helps car enthusiasts find local events, share their favorite routes, and connect with others using a live map with a secure 26 custom row-level security policies
- Built a social media platform where users post photos and updates from events, with likes, comments, and image uploads handled through Google Cloud storage
- Improved map load time and overall performance for real-time convoy tracking and event markers by up to 300% by migrating the app's live map from Google Maps to Mapbox

WORK EXPERIENCE

GUEST.STREAM **Boston, Massachusetts (remote)**

Software Engineer Intern, AI/ML May 2025 – Aug 2025

- Built a Python chatbot using Anthropic's Claude Haiku 3 LLM API and prompt engineering to help creators schedule events and manage collaborations, removing the need to know the platform's UX
- Wrote unit tests and built a script that used Google's Gemini 2 Flash LLM API to send edge-case messages to the chatbot, catching bugs before they were shipped to production
- Partnered with senior engineers to improve accuracy on vague requests like relative dates and missing details to 98% by designing parsing logic that converted dates, times, and event types into structured JSON

BEST BUY **Minnetonka, Minnesota**

Sales Advisor May 2023 – Present

- Served as Mobile Captain, responsible for diagnosing and solving complex device and carrier issues for customers and driving a 252% year-over-year increase in mobile basket attach rate through coachings
- Led the store to an overall rank of 6th in the company in July of 2026 as Shift Lead by consistently training and mentoring 30+ sales advisors in PC/mobile sales practices using the DISC method
- Placed top 50 out of 4000+ advisors in the Midwest for memberships, credit card applications, and PC/mobile baskets by asking discovery questions to match customers wants and needs with the right products

ACTIVITIES AND LEADERSHIP

FIRST Robotics Sept 2019 – June 2024

Varsity Programmer

- Increased our autonomous score 238% in 2024 while FRC averages fell 36% by migrating our computer vision from Limelight to PhotonVision, helping us win Regionals, States, the Autonomous Award, and advance to Worlds
- Mentored 15+ students in CAD, programming, Git, and debugging practices contributing to increasing our total average match score by 150% year-over-year

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, JavaScript, TypeScript, HTML/CSS, React, Flutter, Spring Boot, MySQL, PostgreSQL
Cloud & DevOps: AWS, Google Cloud, Oracle Cloud, Docker, Kubernetes, GitHub Actions (CI/CD)
Tools: VS Code, Xcode, Git (GitHub), Claude API, Gemini API, Microsoft Office
Certifications: Google Cloud Introduction to Generative AI