

Bennett Oyler

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EDUCATION

Stanford University

Bachelor of Science in Computer Science

GPA: 3.92/4.00

Relevant Coursework: Programming Abstractions, Computer Organization and Systems, Linear Algebra, Multivariable Calculus

Stanford, CA

Sept. 2025 – June 2029

Riverwood International Charter School

International Baccalaureate Diploma

GPA: 103.5/100 | ACT: 35

Valedictorian (1/413), National Merit Finalist, Dual Enrollment Computer Science at Georgia Tech

Sandy Springs, GA

Aug. 2021 – May 2025

TECHNICAL SKILLS

Languages: C, C++, C#, Python, TypeScript, JavaScript, HTML/CSS, SQL

Frameworks & Libraries: React, Astro, Vite

Developer Tools: Git, Linux, VS Code, Azure, Unity, Jira

Design & Creative: Blender, Adobe Photoshop, DaVinci Resolve

WORK EXPERIENCE

Robbie AI

Software Engineering Intern

Atlanta, GA

June – Aug. 2024, June – Aug. 2025

- Built a full-stack video labeling platform for hospital-acquired pressure injury (HAPI) detection using **TypeScript**, **React**, and **SQL**, integrating with existing infrastructure to support annotations. (2025)
- Engineered a **Python** pipeline to convert 40 TB of cloud text-based data into structured MP4 video segments for computer vision model training, recovering important model training data. (2024)

PROJECTS

Custom Heap Allocator

May. 2026 – June 2026

- Implemented a dynamic memory allocator in **C** supporting malloc, free, and realloc.
- Designed its explicit free-list, block coalescing, first-fit search, and optimal utilization and throughput.

Block Hopper! ([App Store](#))

Aug. 2022 – Dec. 2022

- Developed and published a hypercasual platformer using **Unity** and **C#** on the Apple App Store.
- Implemented mechanics, UI, audio systems, procedural level progression, and ad monetization.

LEADERSHIP & ACTIVITIES

Stanford Themed Entertainment Association

Co-Director of Strategic Partnerships & Recruitment

Stanford, CA

Sept. 2026 – June 2027

- Coordinate industry partnerships and lead recruitment and branding initiatives focused on themed entertainment like competitions, workshops, social events, and attraction-related programming.

Catholic Community at Stanford

Student Minister, Outreach

Stanford, CA

Sept. 2026 – June 2027

- Organized outreach events and mentored students through faith-based community programming.