Gavin D'Hondt

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SUMMARY: Passionate programmer and student seeking a Jr. SDE internship at Amazon.

EDUCATION

Oakland University – 4.0 GPA   Expected: April 2026
Bachelor of Computer Science
- 41 credits, member of Honors College, President's List for Fall 2023, O.U. Cybersecurity Club Member
- Relevant coursework: Into to C and Unix, Object Oriented Computing, Data Structures, Intro to Computer Networks

Utica Academy for International Studies – 4.18 GPA   Graduated: June 2023
High School Diploma
- Valedictorian, Summa Cum Laude, International Baccalaureate Diploma recipient
- President of Chess Club, French National Honor Society member, winner of the National French Contest

EXPERIENCE

Private Tutor for Computer Science and Math   Nov. 2022 – Present
- Mentored two high school juniors weekly to earn a 5 in IB Computer Science
- Composed custom lesson plans with interactive learning experiences, code reviews, and homework projects
- Guided high school freshman to achieve an A in Algebra through detailed bi-weekly tutoring

MJR Theatres   May 2022 – Jan. 2023
Theater Staff
- Provided exemplary customer service in handling concession transactions and maintaining cleanliness
- Fostered a positive work environment by encouraging teamwork and communication among colleagues

PROJECTS

ValoGuessr | www.github.com/declspecl/ValoGuessr
A GeoGuessr inspired native desktop game for Valorant maps
- Constructed a performant and adaptable GUI library from scratch in C++
- Invented a binary file format for saving player progress, statistics, and achievements
- Designed a plain text format for sharing game results and live competition between users
Technologies used: C++, OpenGL, GLFW, GLSL, FreeType

O.U. Confidential | www.github.com/declspecl/ouconfidential
An anonymous discussion forum that allows Oakland University students to chat anxiety-free
- Engineered a robust website with Next.js 14's server actions, server components, and dynamically created routes
- Maintained a cloud PostgreSQL database containing user information as well as board, post, and comment data
Technologies used: Typescript, Next.js, React.js, TailwindCSS, Supabase, PostgreSQL

SKILLS

Programming languages: C++, C, Typescript, Javascript, Python, Java, Rust, x86/x86-64 ASM
Frontend technologies: React.js, Next.js, TailwindCSS, Framer Motion
Backend technologies: AWS, PostgreSQL, Supabase, Vercel
Miscellaneous: Git, Linux, IDA, Cheat Engine