Gavin D'Hondt

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SUMMARY: Passionate programmer and student seeking a co-op or internship in the computer science industry.

EDUCATION

Oakland University   Expected: April 2026
Bachelor of Computer Science
- 41 credits, 4.0 GPA, member of good standing in the Honors College, President's List for Fall 2023, member of the O.U. Cybersecurity club and O.U. Competitive Programming club
- Relevant coursework: Into to C and Unix, Object-oriented programming, Data Structures, Intro to Computer Networks

Utica Academy for International Studies   Graduated: June 2023
High School Diploma
- Valedictorian, Summa Cum Laude, 4.18 GPA, International Baccalaureate Diploma recipient
- President of Chess Club for one year and member of the French National Honor Society. Placed highest in my state in Le Grand Concours / The National French Contest. Also accumulated 24 IB and AP credits

WORK EXPERIENCE

Private Tutor for Computer Science and Math   Nov. 2022 – Present
- Weekly tutoring of two high school juniors to improve their programming skills. Customize lesson plans each week with interactive learning experiences, code reviews, and homework projects
- Bi-weekly tutoring of a high school freshman for Algebra focusing on systematic and intuitive methodologies

MJR Theatres   May 2022 – Jan. 2023
- Provided exemplary customer service and multitasking skills in a fast-paced environment through working at the concessions counter as well as the floor cleaning staff

PROJECTS

ValoGuessr | www.github.com/declspecl/ValoGuessr
A GeoGuessr inspired native desktop game based on Valorant
- Created a GUI library from scratch in C++ using OpenGL and GLFW. Created a binary file format for saving player progress and a plain text format for sharing games between friends

Technologies used: C++, OpenGL, GLFW, GLSL, FreeType

O.U. Confidential | www.github.com/declspecl/ouconfidential
A reddit-like forum website that allows Oakland University students to anonymously chat anxiety-free
- Utilized Next.js 14's server actions, server components, and dynamically created routes
- Managed a cloud PostgreSQL database with Supabase containing user information as well as board, post, and comment data

Technologies used: Typescript, Next.js, React.js, TailwindCSS, Supabase, PostgreSQL

SKILLS

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