Maxwell Corwin

CONTACT

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EXPERIENCE

Roblox Developer | 2017-2022

Roblox Evolution Soccer

- Co-led the development and operations of a soccer game, driving 12 million+ total visits and maintaining 4,000+ monthly active users.

Old Football Legends

- Codeveloped one of the most popular closed community football games at the time, sustaining a peak of 2,000 concurrent players.

Web Development

StudentsHelpStudentsTutoring.com

- Designed, built, and maintained the non-profit's responsive website using HTML5, CSS3, JavaScript and WordPress gathering over 60 tutees and 15 active tutors.

Research Intern, University of South Carolina

- Developed embedded firmware using C++ to integrate pH, conductivity, temperature, turbidity and GPS modules into a UAV-deployable water-quality sensor package, iteratively debugging code to resolve sensor leaks and positioning errors.
- Validated system accuracy in local pond trials and open-sourced the design schematics and software to enable reproducible, real-time environmental monitoring in resource-limited settings.

EDUCATION

Governor's School for Science and Mathematics (2023-2025)

- GPA: 5.0 Weighted
- Relevant Coursework: Data Structures and Algorithms, Database Designing, C and Operating Systems, Introduction to AI, Calculus 1, Calculus 2, Linear Algebra, Ordinary Differential Equations, AP Comp Sci A, AP Comp Sci Principles, Comp Programming 1 & 2

Will be attending USC Honors in the Fall semester for a dual-major in Computer Science and Finance

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TECHNICAL SKILLS

Programming Languages

- Python, Java, Lua, C++, HTML, CSS, C, JavaScript

Development Tools

- Linux, Git, VSCode, Roblox Studio, MySQL, Postman & Selenium

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LEADERSHIP

Founder, Competitive Programming Club

- Led team of students to place top 1000 internationally in multiple biweekly Leetcode contests

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CERTIFICATES

- CLA: Programming Essentials in C
- Codeacademy Python Advanced
- Codeacademy C++ Advanced