Colin Hoscheit

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**SEEKING: SOFTWARE DEVELOPMENT INTERNSHIP**

**Bio**

I am a 16-year-old software developer - both self-taught and AP Computer Science classes-taught - and rising high school senior (fall 2023). I am dedicated to all things computers and have been for over half my life. I have big goals and am seeking additional real-world, hands-on experience in software development.

**Experience**

* *Flywheel Associates, LLC;* Software Engineering Contract InternMay 2022 - Present
  + First and sole software developer hired by Flywheel Associates in their 10+ year history
  + Responsibilities include:
    - Creating a new-to-world assessment application using MongoDB, Express.js, React.js, and Node.js (MERN stack)
    - Building the front-end user experience incorporating responsive design
    - Designing the middleware including algorithms
    - Setting up the backend and database infrastructure including hosting on AWS
  + Achieved product MVP status and Beta testing as of December 2022
  + Anticipated launch in early March 2023
  + Ongoing support and continued iterative development to mature platform and user experience
* *Xenophon Strategies, Inc.;* Software Engineering ConsultantSep 2021 - Nov 2021
  + Provided freelance data management and software engineering services using Python
* *Personal Projects* (GitHub)

| * + [Physics Simulation](https://github.com/cchosch/physics-sim) (C++ & OpenGL)   + [Fork of QMK Keyboard Firmware](https://github.com/cchosch/qmk_firmware) (C) | * + [Chess Game](https://github.com/cchosch/minimaxChess2D) (C# and Unity)   + [JPG to Lithophane](https://github.com/cchosch/jpg2stl) (Java and Java 3d library) |
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**Skills**

| * Software   + Languages     - JavaScript (4 yrs/Intermediate)     - TypeScript (1 yr/Beginner)     - Golang (6 mos/Intermediate)     - HTML, CSS (3 yrs/Beginner)     - Python (8 yrs/Intermediate)     - Java (9 yrs/Intermediate)     - C# (3 yrs/Intermediate)     - C++ (3 yrs/Beginner) | * + Frameworks/Libraries/Other     - Node.js (2 yrs/Intermediate)     - React.js (1.5 yrs/Intermediate)     - MongoDB for Go (6 mos/Intermediate)     - p5.js (4 yrs /Intermediate)     - Pygame (3 yrs/Intermediate)     - OpenGL (glew & GLFW) (1.5 yrs/Beginner) |
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| * Hardware   + 3D printer (kit and modifications)   + Computers & Keyboards     - Built 5 computers & custom 3D printed keyboard | * + Circuitry     - Use basic microcontrollers (Arduino)     - Raspberry Pi |

**Education**

* *Walt Whitman High School*, Bethesda, MD – Currently Attending Junior
  + Expected Graduation: June 2024