OWEN HODGES

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EDUCATION

Wentworth Institute of Technology (Currently Attending)   *Expected August 2026*
B.S. in Computer Science (BCOS)
Overall GPA: 3.7, Dean's List (Spring 2023, Fall 2023, Spring 2024)
Related Courses: Operating Systems | Programming Languages | Data Structures | Algorithms | Databases

TECHNICAL STRENGTHS

Computer Languages	Java, C, Rust, Python, F#, BASH Shell Scripting, HTML, CSS, ASM, SQL, LaTeX, Verilog
Database	MySQL
Editors & Tools	Jetbrains, Eclipse, Visual Studio, Vim/Neovim, GitHub, Virtual Box, VMWare, Wine, Intel Quartus Prime
Operating Systems	Linux (Arch / Debian), Windows
Office Suites	Google Office Suite, Microsoft Office Suite, Adobe Creative Suite, Libre Office

PROJECTS

Reclaim   June 2024 — Present
Independent | Rust, GitHub   *Independent*

· Created a single-player blobber style video game using Rust to further my understanding of lower level languages.
· Employed a custom design for level data storage for increased functionality and compatibility with gameplay concepts.
· Utilized GitHub for source control and to allow for productivity across multiple development systems.
· Developed a 3D environment using the Macroquad library for ease of use and availability of documentation.

Wentworth Instant Messenger   October 2023 — December 2023
Collaberative | Python, Java, Parallel Computing, GitHub   *Wentworth Institute of Technology*

· Developed an instant messenger application using Python socket programming to demonstrate understanding of key socket programming concepts.
· Employed a Hybrid Peer-to-Peer communication strategy for security and efficiency.
· Collaborated as a team using GitHub source control for project management and efficient productivity.

RunnerFX   March 2023 — April 2023
Collaberative | Java, JavaFX, GitHub   *Wentworth Institute of Technology*

· Developed a side scrolling game using Java and the JavaFX library to demonstrate understanding of the OOP paradigm as well as high level graphics libraries.
· Collaborated as a team using GitHub source control for project management

Arch Linux   October 2021 — Present
Independent | Linux   *Independent*

· Installed and maintained an Arch Linux operating system from scratch for better computer performance and control.
· Operated this system daily as a general-purpose workstation to develop Linux skills and increase exposure to possible problems that might arise in order to improve troubleshooting ability.

WORK EXPERIENCE

Chillybears, Inc   Seasonal, May 2023 — September 2024
Warehouse Printing Associate and Multipurpose Staff   *Wilton, NH*

· Shipped orders internally and externally using the Shipstation API with Lynx systems.
· Pre-Treated and Printed apparel using the direct-to-garment printing process in a fast paced environment (200+ units per day).
· Packed and labeled sets of stock according to orders.
· Memorized and maintained organization of a warehouse of 30+ SKUs of apparel for efficient picking and packing.