
ERIC T.J. HAMILTON

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Seattle, WA

EXPERIENCE

INTEL (UST GLOBAL)

Validation Tester II

Santa Clara, CA

August 2025 – January 2026

Deployed OS images to embedded test devices and validated Chromebook SOC functionality. Managed host infrastructure via Ansible for reproducible updates. Developed Bash scripts for fleet-wide file distribution. Built Justfile task runners for VNC, proxy, and device provisioning. Debugged via ADB.

XEROX CORPORATION

Software Engineer

Webster, NY

September 2022 – December 2022

Integrated backend SQL database systems with PowerBI workflows for data visualization of software products for management to better assess priorities. Worked on software development for a front-end printer application, Workflow Central, in improving backend systems and integrating usage data into new Power BI environments.

CORNING OPTICAL COMMUNICATIONS

Software Engineer

Hickory, NC

May 2022 – August 2022

Worked on testing software deployment and development; upgraded test software in PowerShell, LabView. Improved testing speed 10x. Worked in C# and Postgres for internal database upgrades for future products.

SENSORED LIFE

Software Engineer

Rochester, NY

January 2022 – May 2022

Deployed a new CRM system, VTiger, company-wide and integrated front-end website systems with new CRM backend in PHP, while migrating customer data and resources. Set up automatic workflows for the new CRM product for company use, integrating AngularJS and PHP frameworks with existing SQL databases.

EDUCATION

Rochester Institute of Technology

B.S Computer Science, Cum Laude

August 2019 – May 2023

SKILLS

Languages: Rust, Python, Java, C#, C/C++, Bash, SQL, PowerShell, PHP, HTML5/CSS

Technologies: Git, Linux, Ansible, Just, Docker, ADB, MacOS, Windows, PostgreSQL

Frameworks: Svelte, React

PROJECTS

PERSONAL WEBSITE

A personal website made in Svelte with assets stored on the AT Protocol and integrated with AT Protocol apps like Leaflet and Bluesky.

TETROXIDE

Rust clone of Tetris written for a TUI interface in the command line, implements full Tetris single-player logic.

COMMUNITY

BIKE/PED ADVOCATE

Involved in promoting multimodal transportation. Advocated at the Washington State legislature for bike infrastructure and attended city council meetings to push for increased funding for sidewalks and multimodal enhancements.