

ERIC T.J. HAMILTON

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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

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.