
ERIC T.J. HAMILTON

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EXPERIENCE

INTEL (UST GLOBAL)

Validation Tester II

Santa Clara, CA August 2025 – Present
Smoke testing for Chromebook SOC's; Linux Sysadmin work, setting up, updating host machines and maintaining network infrastructure for effective testing. Worked on automation of testing in bash, ansible, for tasks related to ensuring that the SOC's operate as intended – networking, sleep related tasks, and debugging 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, while migrating customer data and resources. Set up automatic workflows for the new CRM product for company use.

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, Power BI, MacOS, Windows, Linux, Docker, PostgreSQL

Frameworks: Svelte, React

PROJECTS

ATPROTO DEVELOPMENT

Working on various projects in the ATProto development sphere, as well as open-source contributions to ATProto apps like Bluesky for PDS handle resolution on login.

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.