Elliot Wasem

Software Engineer

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elliot-wasem.github.io/personal-website
in *elliot-wasem*
elliot-wasem

Education

2017 – 2020

B.S. Computer Science, *Stevens Institute of Technology*, Hoboken, NJ.

GPA – 3.49

- TA for CS 590 Algorithms, CS 511 Concurrent Programming, CS 442 Database Management Systems, CS 146 Intro to Web Development
- Member of Upsilon Pi Epsilon: International Honor Society for the Computing and Information Disciplines

Experience

April 2018 – Current

Software Engineer, *DexterityDB*, Hoboken, NJ.

- Developed various parts of database storage engine, with most work done on a virtual filesystem.
- Designed and built continuous integration tools such as automated build servers, benchmark servers, and various automation scripts to streamline daily workflow.
- Implemented testing scripts to speed up the generation of data as our product was further developed.
- Served as the company's Linux expert and server administrator.

September 2015 – November 2016

Wireless Team Lead, *MarketSource, Target Mobile*, Princeton, NJ.

- Managed new and existing accounts for Verizon Wireless, AT&T, Sprint, and Comcast XFinity.
- Maintained relations with Target management to ensure effective sales flow, fraud prevention, and organization.
- Organized and maintained Target Mobile's inventory and assets.

Projects

Personal

Personal Password Manager.

- Password manager implemented in Rust.
- Uses Rofi as a graphical user interface.
- Allows locally storing passwords in a secure manner, all locked behind a master password.
- The beauty of this password manager is that, even with in-depth knowledge of how it works, it is impossible to read the password file without knowing the master password.

Personal

Personal Website, *https://elliot-wasem.github.io/personal-website*.

- My personal website tries to let the user experience the computer the way I do on a daily basis: through the commandline.
- Implemented in "vanilla" JavaScript, it provides a handful of custom-implemented commands to let the user browse my credentials in a terminal fashion.

Academic

TinyChat, Teaching Assistant, CS511.

- Designed and setup groundwork for assignment for students in the Fall 2019 semester.
- Assignment was to create an IRC chat application, implemented completely in Erlang.

Skills

Languages	C/C++, Python, Erlang, Java, Rust, Bash, JavaScript
Web & Cloud	HTML5, CSS, MySQL, Kubernetes, GCloud
Misc. Tech	Git, Linux, Trello, ZenHub, Emacs, LaTeX