

Ethan Martin

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OBJECTIVE:

Gain experience and develop as a professional through a summer internship in the field of Computer Science.

EDUCATION:

University of Mary Washington | Fredericksburg, VA

B.S. Computer Science, August 2017 – May 2019 | GPA: 3.72

Germanna Community College | Fredericksburg, VA

A.A.S. General Studies, August 2013 – May 2016

SKILLS:

Languages: Java, C, Python, C++, HTML/CSS, JavaScript, Swift

Other Technologies: Linux (Arch and Debian-based)

ACTIVITIES & PROJECTS:

Independent Study – Modern Text Editing | January 2018 – Present

- Developing a text editor in C aimed at providing a balance of power and usability with minimal reliance on documentation.
- Editor core will be usable with the original ncurses-based terminal interface or native applications for various platforms.

Girls Who Code | January – August 2017

- Established and taught a local Girls Who Code Club including 9 regular members at the L.E. Smoot Memorial Library during the Spring and Summer of 2017.
- Familiarized members with four Core Concepts of Computer Science: variables, loops, conditionals, and functions.
- Briefly discussed more advanced concepts such as modularity and the differences between functional programming and object-oriented programming.

High Quality Bot | July 2017 – Present

- Using Java to create a chat bot for the VoIP and messaging platform Discord.
- Allows users play audio from services such as YouTube or locally hosted files on a voice chat for all present to hear simultaneously.
- Fine control over chat command permissions through a system that leverages Discord's native user grouping.
- Employs a configuration system based on an easy to understand "option = value" format.

WORK EXPERIENCE:

King George County | August 2016 – Present

Library Assistant – L.E. Smoot Memorial Library

- Providing excellent service to patrons through book recommendations, catalog searches, and technical support.
- Facilitating smooth operation of the library by preparing for opening/closing, checking in returned items, resolving lost or damaged items, enforcing library and county policy, scheduling public meeting room usage, performing basic maintenance of library systems, and assisting other departments as needed.
- Preparing and accepting U.S. Passport applications for shipment to national processing facilities.