Jacob Hilker | Software Engineer

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jhilker

Education

University of Mary Washington **Fredericksburg, VA**
Bachelor's of Science in Computer Science, Minor in Cybersecurity *Aug 2017 – May 2021*

- 2.99 GPA
- Dean's List, Spring 2021
- <u>**Relevant Coursework:**</u>
  - Applications of Databases
  - Data Science
  - Artificial Neural Networks
  - Software Security

Experience

James Madison Regional Library - Crozet Branch **Crozet, VA**
Library Volunteer *Jul 2014 – Jul 2017*

- Shelved books by subject according to Dewey Decimal System.
- Performed basic book reshelving and obtained items from book drop.
- Assembled requested library and loaned materials for users.

Impact Richmond **Richmond, VA**
Impact Richmond Volunteer *Jul 2012 – Jul 2017*

- Participated in week-long volunteer sessions to refurbish homes in disadvantaged neighborhoods in Richmond, VA.

Projects

All For One **jhilker1/hugo-all-for-one**
Halfmoon CSS, HTML *Apr 2021 – Present*

- Developed a mobile-responsive Hugo theme with Halfmoon CSS base for an online blog, portfolio, and resume

Chronicler **jhilker/chronicler**
Python *Apr 2021 – Present*

- Developed a terminal application for tracking characters in a particular playthrough of a Paradox game independently outside of class
- Collaborated with users to find bugs, gather feedback, and suggest features for the application
- Still in development

Pyronsworn **jhilker/pyronsworn**
Python *Apr 2021 – Present*

- Developed a python module for assisting developers for creating applications for the tabletop role-playing game Ironsworn.

Skills

Languages: Python, HTML/CSS, Java, SQL (Postgres), JavaScript
Frameworks: React, Node.js, Halfmoon CSS
Developer Tools: Git, Google Cloud Platform, Vim, Emacs
Libraries: pandas, NumPy, Matplotlib
Misc.: Hugo, Org-mode, Vim, Emacs
Soft Skills: Teamwork and Collaboration, Verbal and Written Communication, Critical Thinking, Problem Solving