Jacob Hilker | Full-Stack Engineer

Crozet, VA

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Education

B.Sc., Computer Science, Minor in Cybersecurity   **2017 – 2021**

University of Mary Washington

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

Experience

Freelance Web Developer   **2022 – Present**

Freelance

- Designed and deployed static websites for multiple clients using the Hugo static site generator

Volunteer

Library Volunteer   **2014 – 2017**

Crozet Library

- Organized and re-shelved books in their proper places
- Retrieved books from shelves to fulfill holds

Projects

All For One   **github.com/jhilker1/hugo-all-for-one**

Halfmoon CSS, HTML   *2021 – Present*

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

Chronicler   **gitlab.com/jhilker/chronicler**

Python   *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

Pyronsworn   **github.com/jhilker/pyronsworn**

Python   *2021 – Present*

- Created 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, Next.js, Node.js, Halfmoon CSS, Tailwind CSS
Libraries: pandas, NumPy, Matplotlib
Dev Tools: Git, Vim, Emacs, Google Cloud Platform
Miscellaneous: Hugo Static Site Generator, Org-mode, Object-oriented Design