

Jacob Hilker | Software Engineer

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Education

University of Mary Washington

Bachelor's of Science in Computer Science, Minor in Cybersecurity

Fredericksburg, VA
Aug 2017 – May 2021

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

Experience

Volunteer

James Madison Regional Library - Crozet Branch

Library Volunteer

Crozet, VA
Jul 2014 – Jul 2017

- Shelled 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

Impact Richmond Volunteer

Richmond, VA
Jul 2012 – Jul 2017

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

Projects

All For One

Halfmoon CSS, HTML

🐙 jhilker1/hugo-all-for-one
Apr 2021 – Present

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

Chronicler

Python

👤 jhilker/chronicler
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

Pyronsworn

Python

👤 jhilker/pyronsworn
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