Penn Bauman

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Professional Experience

Green America (greenamerica.org)   June - August 2018, 2019
Digital Products Associate, Independent Contractor
  Worked with the Drupal content management system on website layout and design, database searching, and Google Maps API.

Undergraduate Teaching Assistant   September 2020 - Present
CS 2150 Program and Data Representation
  Responsible for holding one-on-one labs and office hours to assist students with development of programming skills and understanding.

Education

University of Virginia (GPA: 3.7)   2018 - 2022 (Expected)
Bachelor of Science in Computer Science with a Minor in Physics
Related Course Work: Linear Algebra, Differential Equations, Probability, Modern Physics, Classical Mechanics, Data Structures, Theory of Computation, Algorithms, Software Engineering, Computer Architecture

Projects (github.com/pennbauman)
Personal Website: Used to develop web design skills and develop a custom spreadsheet system to track my finances.
Assassins Web App: A from scratch web application used to organize a school wide game of assassins with user accounts and database management.
IBCM Executor: A custom executor and debugger for the Itty Bitty Computing Machine, a language created by UVA professors to teach the basics of machine code.

Skills
Quick Learner: Able to pick up skills quickly, particularly new coding languages.
Detail Oriented: Can ensure the accuracy and quality of work.
Problem Solving: Experience investigating and solving technical issues in a variety of fields.
Public Speaking: Ability to engagingly articulate ideas both in person and through digital mediums.
Languages Known: Python, C/C++, Java, PHP, SQL, HTML, CSS, Javascript, Bash, LaTeX
Linux: Experience with Ubuntu, Fedora, and Manjaro Linux distributions.