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 management, 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 the development of programming and debugging skills.

Education

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

Skills

Public Speaking: Ability to engagingly articulate ideas both in person and through digital mediums.
Languages & Technologies: C/C++, Java, Rust, Python, Django, Flask, PHP, SQL, HTML, CSS, Sass, Bootstrap, Javascript, Node, React, Docker, Drupal, Linux, Bash, LaTeX

Projects (github.com/pennbauman)

IBCM Executor: *C*   2020
A custom executor and debugger for the Itty Bitty Computing Machine, a language created by UVA professors to teach the basics of machine code.

Civic Connect Web App: *Python, Django, HTML, Bootstrap*   2020
An site, build using the Django Python web framework, that allows users to create and view shareable email messages for their elected representatives.

Personal Website: *PHP, SQL, HTML, CSS, Sass*   2018 - Present
Used to develop web developmets skills from design to databse management. Also includes a custom spreadsheet system built to track my finances.

Assassins Web App: *PHP, SQL, HTML, CSS*   2018
A from scratch web application used to organize a school wide game of assassins with user accounts and database management.