Dakota Smith

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EDUCATION

B.S. Mathematics
University of Vermont

📅 09/2019 - 05/2023

GPA
3.93 / 4.0

- Graduated *magna cum laude*
- Minor: Computer Science (4.0)
- Treasurer of Golden Key Honor Society

EMPLOYMENT HISTORY

Software Engineer Intern
Roofstock

📅 05/2022 - 08/2022

- Assisted creation of web components for new admin-facing application using: NextJS, React, TypeScript, and Material UI.
- Assisted in creation of new microservice using clean architecture design patterns and the following core technologies: C#, Azure Cosmos, ASP.NET, gRPC, and GraphQL.
- Contributed to the team's documentation of software and processes using Atlassian Confluence.
- Followed Agile software development practices and attended daily stand ups and sprint ceremonies (grooming, planning, and retrospectives) utilizing Atlassian JIRA.

Website Developer
Tailored Stay LLC.

📅 07/2020 - 02/2022

- Updated plugins, created posts, and added products using WooCommerce to WordPress site.
- Communicated via Slack.

RELEVANT COURSES

Data Structures and Algorithms	**Intermediate Programming (Java)**
Intro to Python	**Cybersecurity Principles**
Intro to Web Development	**Advanced Programming (C++)**

AWARDS/ ACHIEVEMENTS

Outstanding Mathematics Senior

Dean's List (all semesters)

Presidential Scholarship (all semesters)

Bain Family Endow Scholarship (Fall 2020- Fall 2021)

PROGRAMMING LANGUAGES

C++

Python

Java

HTML/CSS

JavaScript/ TypeScript

C#

R/SAS

RELEVANT EXPERIENCE

Web Dev Final Project

📅 2022

🔗 https://dsmith13.w3.uvm.edu/cs008/final/index.php

Created website for my roommate's project car using HTML/CSS, SQL, and PHP.

Cybersecurity Final Project

📅 2022

Used Python to create a Flask app. Users first required to sign in or create an account, and then presented with a menu of items with different access levels.

C++ Open Ended Project

📅 2023

Created an interface that allows users to create an account, log in, and have their own stock portfolio. Users can choose to buy or sell their stocks or view their portfolio.

Combinatorics Seminar

📅 2022

Attended a weekly research seminar on a variety of topics in discrete mathematics, such as combinatorial theory, graph algorithms and network analysis.