

# Dakota Smith

## Software Engineer

@ dakota.13.smith@gmail.com

Lincoln, NH 03251

## EDUCATION

B.S. Mathematics

University of Vermont

09/2019 - 05/2023

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

GPA

3.93 / 4.0

## 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 maintain 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 (2019-2023)

Presidential Scholarship (2019-2023)

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.