

# Erin Crowley

Portfolio Website: <https://ecrow53.github.io/> | LinkedIn: [linkedin.com/in/erin-crowley-28200b291](https://www.linkedin.com/in/erin-crowley-28200b291)

## Education

### James Madison University

*B.S in Computer Science, Minor in Mathematics, 3.53 GPA*

**Harrisonburg, VA**

*08/2022 - 12/2024*

- Significant Courses:
  - ❖ Artificial Intelligence, Software Engineering, Database Systems, Computer Systems, Algorithms and Data Structures, Intro to Autonomous Robots
- Study Abroad: Florence, Italy

### Northern Virginia Community College

*A.S in Computer Science, 3.51 GPA*

**Sterling, VA**

*08/2019 - 05/2022*

## Work Experience

### Chameleon Technology Partners

*Web Developer Intern*

**Oakton, VA**

*12/2023 - Present*

- Contribute to the development of an enterprise application by designing and developing the company's essential marketing website

### VA Space Grant Consortium, NASA Wallops Flight Facility

*Research Intern*

**Wallops Island, VA**

*06/2022 - 08/2022*

- Utilized Python to conduct a statistical analysis of NASA precipitation data
- Translated the results into impactful visual representations by generating high-quality graphs and plots
- Presented results to the NASA Wallops Global Precipitation Measurement Team through a comprehensive technical report

### Computer Science Department, James Madison University

*Teaching Assistant*

**Harrisonburg, VA**

*08/2023 - 12/2023*

- Provided one-on-one support to students by answering course-related questions and assisting with homework assignments in Java, Python, and C

## Student Projects

### JMDB: Film Review App

- Co-led a team of five students using the scrum framework: utilized agile methodology through sprint planning, review, and retrospective to collaboratively develop a web application designed to showcase targeted film details
- Individually crafted the API call responsible for acquiring the essential information required for the proper functioning of the app. Written in Java

### Hotel Management System

- Application that manages numerous hotels along with their reservations and guests. Written in Python (Flask), HTML/CSS/JavaScript, and SQL

### y86 Disassembler

- Program capable of converting machine code into a subset of executable Intel x86 assembly language. Written in C

## Technical Skills

**Languages:** Python, Java, C, Ruby, HTML/CSS/JavaScript, SQL

**Other:** Scrum Framework, Technical Writing, Git