

Mason Force

Computer Science Student and Developer

Mobile: (720) 633-3420

Email: mason@forceworld.com

LinkedIn: www.linkedin.com/in/mason-force/

Website: www.forcemason.com

EDUCATION

Colorado State University, Honors Program, Fort Collins, CO

Degree: *BS in Applied Computing Technology*

Graduation: May 2020

Cumulative GPA: 3.73

Academic Focus: *Full-stack Development, Web Development, Business*

- Attained the CSU Dean's List, Spring 2017, Fall 2018, Spring 2019

SKILLS

- Experienced with the following: **Python, Java, Javascript, HTML, CSS, Git, SCRUM, Agile Development, MySQL**
- Familiar with the following: **Angular, React, C, C++, PHP, Docker, Splunk, AWS, Elasticsearch**

WORK EXPERIENCE

Corporate Webmaster, Rocky Mountain Student Media Corp.

9/2019 to present

- Updated and maintained multiple high-traffic websites to improve user experience, organize content and generate ad revenue
- Designed a completely new website with Wordpress and custom code to increase online presence and SEO for the largest student media organization in Colorado
- Served as student media point of contact for technical issues and questions

Software Development Engineer Intern, Workday Inc.

5/2019 to 8/2019

- Visualized ServiceNow ticket data in Splunk by writing Python scripts and SQL queries, providing management with valuable insight into trends to make better-informed decisions
- Automated time-consuming Github deployment error-checking with Python script
- Developed Python tool to find optimal server configuration for tasks to lower AWS server costs
- Created plugin in Javascript to provide templates for appointments in Outlook, increasing utilization of company decision-making framework

Web Developer Intern, Open Water Foundation

9/2018 to 5/2019

- Developed dynamic, online Javascript visualizations to make bulk water resource data understandable and display trends for more effective decision-making
- Trained new hires by generating technical documentation for training materials and records
- Made existing sites more dynamic by researching/incorporating new interactive features

Help Desk Lab Technician, Warner College of Natural Resources

7/2017 to 11/2018

- Assisted students by troubleshooting technical issues in busy college computer lab
- Managed computer network by installing new software and regularly updating lab machines

PROJECTS

Hospital Data Analysis Web Application, CT310 Web Design

5/2019 to 8/2019

- Developed web application to analyze and display value-based purchasing data for hospitals
- Dynamically modeled government incentive payments based on hospital performance statistics from SQL database and user-defined scenarios

EXTRACURRICULAR ACTIVITIES

Senator at the Associated Students of Colorado State University (ASCSU)

2/2017 to 9/2017

- Represented College of Natural Science students, allocated thousands of student fee dollars

Reporter for the Rocky Mountain Collegian at Colorado State University

2/2017 to 8/2018

- Conducted interviews, compiled sources, wrote 20+ articles under strict publishing deadlines

Podcast Coordinator, CSU Office of the Vice President for Research

8/2018 to 1/2019

- Conducted and edited interviews with researchers for university podcast
- Doubled number of listeners by developing advertisements and managing marketing strategies