Ethan W. Meyer

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EDUCATION

University of Colorado Boulder, Class of 2023
- Major: Bachelor of Science in Computer Science
- Minors: Leadership, Data Science
- GPA: 3.96 cumulative
- Boettcher Scholar, Presidents Leadership Class Scholar

Rampart High School, Class of 2019
- GPA: 4.50 weighted, 4.0 unweighted
- Honors & Awards: Eagle Scout, Senior Class President, First Team Academic All-State, National AP Scholar

EXPERIENCE

Gravity Renewables   **Aug 2020 - Present**
Data Analytics Intern
- Developed operational dashboard used by company's executive team to evaluate performance of 18 hydroelectric plants.
- Processed approximately 10,000 data points on a weekly basis from various sources to ascertain plant specific generation.
- Exposed operational inefficiencies through comparing expected output based on USGS water flow data with actual production.
- Leveraged experience in programming and data analytics to implement scripts streamlining weekly analysis process.

Kenotica, LLC   **May 2020 - Present**
Web Developer
- Implemented User Interface and API server for artificial intelligence application for extracting data from surgical pathology reports for supporting cancer research. Used HTML5, Bootstrap, JavaScript, jQuery, Apache, NodeJS, MySQL, and Ubuntu Linux.
- Gained exposure to Amazon Web Services and Amazon Comprehend Medical Natural Language Classification.

Boettcher Foundation   **Oct 2020 - Present**
Research Grant Applicant
- Received approval to pursue research focusing on the prevalence and influence of social media bots within the realm of politics.
- Partnered with Professor in Department of Political Science to learn principles of political research and basics of Twitter API.
- Designed and implemented system to organize 350,000 + data points through creating a thorough entity relationship diagram.

Leeds Consulting Group   **Sep 2019 - Present**
Vice President of Finance, Senior Analyst
- Acquired broad skills through participating in club curriculum focused on management consulting.
- Generated quarterly financial reports for members including informative graphics depicting club expenditures.
- Staffed on engagement to develop a plan for pilot program designed to reduce waste generated by take-out food in Boulder, CO.
- Communicated findings to client by creating a cumulative report showcasing easy-to-understand data visualizations.

University of Colorado Boulder   **Aug 2020 - Present**
Course Assistant
- Course Assistant for Data Structures in University of Colorado's department of Computer Science.
- Held office hours helping students with general course material and weekly assignments.
- Met with Professors and other members of course support team to discuss strategies for teaching over Zoom.

LEADERSHIP AND INVOLVEMENT

Winter Park Volunteer Ski Patrol   **Jan 2015 - Present**
Senior Patroller, Junior Patrol President
- Volunteered as Emergency Medical Responder leading numerous incidents ranging from altitude sickness to administration of CPR.
- As Junior Patrol President, supervised 35 ski patrollers overseeing training, first response, resort regulations, and guest experience.

Boy Scouts of America   **Apr 2013 - Jan 2019**
Eagle Scout, Senior Patrol Leader
- Attained rank of Eagle Scout, with project consisting of building outdoor shelters for feral cats.
- Led two-week eighty-mile backpacking trek at Philmont Scout Ranch in Northern New Mexico in the summer of 2016.

PERSONAL

Relevant Coursework
- <u>Introduction to Data Science:</u> Developed fundamental techniques in exploratory data analysis using R and Python
- <u>Software Development and Tools:</u> Gained exposure to full stack development with HTML, CSS, JavaScript, JQuery, NodeJS, PostgresSQL, Git, Jira, Linux, and more.
- <u>Computer Systems:</u> Discovered the foundations of computation through digging into assembly.

Languages
- English: Native Proficiency, French: Limited Proficiency

Technical Skills

Skill	Rating	Skill	Rating
R, Python	●●●●○	C, C++	●●●●○
HTML, CSS, JS	●●●○○	SQL	●●●●○

Personal Interests
- Big Mountain Skiing
- Hiking and Backpacking
- Colorado 14er Mountaineering
- Motorcycle Riding