

Noah Rizika

Middlebury, VT • (310) 720-7415 • noahrizika.github.io • linkedin.com/in/noah-rizika • nrizika@middlebury.edu

EDUCATION

Middlebury College

Middlebury, VT

Candidate for Bachelor of Arts -- Biochemistry

Spring 2024

- **GPA:** 3.87, Dean's List
- **Relevant Coursework:** Computer Architecture (in C), Text as Data (Qualitative Data Analysis in Python), AWS Machine Learning (Udacity), Data Structures and Algorithms (Udemy), Calculus II and Physics II
- **Programming Skills:** Python, C++, HTML/CSS, Angular, Jupyter Notebooks, AWS, GitHub
- **Leadership & Activities:** Water Polo Captain, Climbing Club Admin and Coach, Community Friends and Sports PT Volunteer, Recipient of Middlebury's Cross-Cultural Community Engagement Grant

University of Washington, Seattle

Seattle, Washington

Fall 2020 - Spring 2021

- **GPA:** 4.0, Dean's List
- **Activities:** Carbon Footprint Analysis, Conservation Research, Consulting, Writing & Editing

EXPERIENCE

Political Science Department, Middlebury College

Middlebury, VT

Qualitative Data Analyst

Fall 2023

- Researched AI portrayals by media outlets in different countries and of varying political leanings
- Led a small team to analyze 30,000+ articles via collocations, sentiment analysis, topic modeling and Pandas analysis using Python in Jupyter Notebooks
- Created custom Python functions to enhance analysis and improve efficiency
- Presented and curated findings to researchers and a general audience

Bing He Biological Research Lab, Dartmouth College

Remote

Machine Learning Engineer

Summer 2023

- Developed computer vision model to classify cell stage development
- Worked with a limited dataset of unsupported image format
- Coded with Python, Jupyter Notebooks, Pytorch, Torchvision, AWS

Pivotal Software Inc. / Chadwick High School

Santa Monica, California

Front End Web Developer - Intern

Summer 2019

- Developed weightlifting and teaching objectives web applications for Chadwick High School
- Pair-programmed with professional programmers and other interns
- Coded using Angular, TypeScript, HTML 5 and SCSS

PROJECTS (<https://github.com/noahrizika>)

- **Outdoor Rock Climbing Website:** Developed multi-page React web app using the Google Maps API to direct users to a newly-discovered outdoor bouldering area using JavaScript and HTML/CSS.
- **Supervised ML Workflow:** Operationalized a machine learning model to expedite inference requests using Lambda functions and SageMaker Notebooks in AWS using Python and JSON.
- **Biochemistry Calculators:** Created a C++ program using math and logic statements to determine DNA stacking energies and a protein's charge and isoelectric point.

SKILLS & INTERESTS

Problem Solving • W-EMT • Exercise and Nutritional Science • Skiing • Running • Organic Chemistry • Go (game)