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
- **GPA:** 4.0, Dean's List   Fall 2020 - Spring 2021
- **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
- Analyzed 30,000+ articles via collocations, sentiment analysis, topic modeling and Pandas analysis
- Presented and curated findings to researchers and a general audience
- Worked on a small team with Pandas and Python in Jupyter Notebooks

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 with Angular, TypeScript, HTML 5, SCSS

CERTIFICATES

Udacity AWS Machine Learning Nanodegree   Fall 2023
- **Coursework:** Supervised and Deep Learning Models, Lambda Functions, Hyperparameter Tuning
- **Programming Skills:** Pytorch, Pandas, Matplotlib, PyPI, Jupyter Notebooks, AWS, Github

Udemy C++ Data Structures and Algorithms   Summer 2023
- **Coursework:** Arrays, Linked Lists, Stacks, Queues, Binary Search Trees, Hash Tables, Graphs, Recursion, Sorting Algorithms, Vectors
- **Programming Skills:** Object Oriented Programming, Big O Notation, Data Structure Traversals

SKILLS & INTERESTS

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