

Eric Uehling

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PROFESSIONAL EXPERIENCE

Software Engineer, Intern | Aecom | Germantown, Maryland

May 2023 - Aug 2023

(TBD: Will Update this section when Internship is complete)

Python | Pandas | AWS | Git | Linux | .NET MVC | Linux | Angular

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Machine Learning Intern | Ora | Blacksburg, VA

Jan 2023 - May 2023

Course Credit Internship

Python | PyTorch | Flutter | Notion | Linear | Git | Linux

- Developed and optimized machine learning models using health and fitness data, resulting in personalized fitness and nutrition advice for app users, improving user engagement and satisfaction.
- Collaborated closely with cross-functional teams to integrate data-driven features into the mobile app, ensuring seamless user experience and enhancing the app's overall functionality.
- Conducted in-depth data analysis and presented findings to team members, effectively communicating complex concepts and insights to drive informed decision-making and product improvements.

Cloud Engineer, Researcher | Virginia Tech | Blacksburg, VA

Aug 2022 - Dec 2022

Course Credit Research

OpenJDK | WildFly | IntelliJ | MySQL | PrimeFaces | AWS:EC2 | Java | HTML | CSS

- Designed and implemented cloud-based infrastructure and solutions in a secure and scalable environment.
- Managed and maintained cloud resources, including servers, storage, and databases.
- Developed and installed various apps onto AWS EC2 server for user use.

EDUCATION

Virginia Polytechnic Institute and State University - Bachelors of Science, Computer Science, Option: Data-Centric Computing

2025

Virginia Polytechnic Institute and State University - Bachelors of Arts, Economics, Option: Managerial and Data Science

2025

PROJECTS

Instructor GPA Visualizer

C | Makefile | CSV

A project that analyzes the average GPA for each instructor in each course at Virginia Tech. This project was made as a guide to students who have the option to take a class with different professors. The output file shows each instructor for every course, along with their corresponding gpa.

Virginia Tech Pandemic Insights

Python | Pandas | Matplotlib | Seaborn | Numpy | Jupyter | CSV

A project that analyzes the effect of COVID-19 on VT Student performance and high school admissions to Virginia Tech. This project was initially made for a Data Science class, but was later edited for public view.

VT Gobbler Gauntlet

Python | Django | AWS:EC2 | AWS:RDS | PostgreSQL | Gunicorn | Nginx

This is a Django project that displays the stats for the Gobbler Gauntlet tournament, which is a Virginia Tech Club. The project is currently live at www.vtgobblergauntlet.com and uses a PostgreSQL database. It is hosted on an Amazon EC2 instance with a connected RDS database, and is run via Gunicorn and Nginx.

CERTIFICATIONS

AWS Cloud Practitioner Certificate

2023