

Evan Feder

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Education

Carnegie Mellon University, School of Computer Science

M.S. IN MACHINE LEARNING

Pittsburgh, PA

Dec 2021

Carnegie Mellon University

B.S. IN INFORMATION SYSTEMS, ADDITIONAL MAJOR IN STATISTICS AND MACHINE LEARNING

Pittsburgh, PA

May 2021

- GPA: 3.8/4.0, Graduated with University Honors, Phi Beta Kappa Society, Senior Leadership Award

Work Experience

Microsoft

Redmond, WA (Remote)

SOFTWARE ENGINEER INTERN

Jun 2021 - Aug 2021

- Driving telephony fraud data pipeline in C# which collects, transforms, stores, queries, and assesses millions of points of call data, preventing an estimated \$2-4M in fraud annually

TrebleNetwork

Baltimore, MD (Remote)

PRODUCT AND QUALITY ASSURANCE INTERN

Jan 2021 - Present

- Test, review, and provide feedback on design and implementation throughout entire development process of iOS and Android mobile application for professional development startup with thousands of monthly users

Microsoft

Redmond, WA (Remote)

SOFTWARE ENGINEER INTERN

May 2020 - Aug 2020

- Drove full-stack project in C# and Typescript to allow customers to troubleshoot syncing individual object data from on-premises hardware to the Azure cloud, saving an estimated \$1-2M in support costs annually

Optum (UnitedHealth Group)

Boston, MA

SOFTWARE ENGINEERING INTERN

Jun 2019 - Aug 2019

- Enhanced full-stack web application for medical fraud detection written in Javascript using React, Node.js, Express and Elasticsearch
- Saved \$100,000+ annually by reducing fraud investigators' process workload and creating dashboard for fraud insights

Zenabi Data

Westport, CT

DATA SCIENCE INTERN

May 2018 - Aug 2018

- Developed and implemented pipeline using Python and SQL to collect, compile, clean, and feature-engineer 100,000+ lines of training data
- Analyzed football play formation and player data to directly present to Dolphins' head coach on best formations and player organization

Teaching and Research Experience

CMU Center for Data Science for Social Good

Pittsburgh, PA

DATA SCIENCE RESEARCH ASSISTANT

Dec 2020 - Present

- Analyze and visualize data, train associated machine learning models, and augment software tools to find patterns in how proxy labels can introduce unintended bias into real machine learning systems to help inform industry professionals on how best to prevent bias in their systems

Carnegie Mellon University

Pittsburgh, PA

TEACHING ASSISTANT FOR 10-601 INTRODUCTION TO MACHINE LEARNING

Jan 2021 - May 2021

CO-HEAD TEACHING ASSISTANT FOR 67-443 MOBILE APPLICATION DESIGN AND DEVELOPMENT

May 2020 - Dec 2020

TEACHING ASSISTANT FOR 67-272 APPLICATION DESIGN AND DEVELOPMENT

Jan 2020 - May 2020

Leadership Experience

Carnegie Mellon Student Government

Pittsburgh, PA

STUDENT BODY PRESIDENT

May 2019 - May 2020

- Elected to represent the 14,000+ students of Carnegie Mellon's Pittsburgh campus and lead 250+ individuals within student government to advance student initiatives, including advising university response during the COVID-19 pandemic, increasing composting on campus, endowing academic support funds, and augmenting civic engagement and voter registration on campus
- Began and oversaw year-long institutional reorganization of Student Government's structure to rectify poor collaboration between bodies

Skills

Programming Python, Javascript/Typescript, C#, Java, C, Swift, Ruby, SQL, R, Git

Web Development React, Ruby on Rails, Node.js, HTML5, CSS