

# Evan Feder

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## EDUCATION

### CARNEGIE MELLON UNIVERSITY

BS IN INFORMATION SYSTEMS,  
ADDITIONAL MAJOR IN STATISTICS  
AND MACHINE LEARNING

May 2021 | Pittsburgh, PA

Cum. GPA: 3.78 / 4.0

IS Major GPA: 4.0 / 4.0

## COURSEWORK

### COMPLETED

Machine Learning (Master's)

Natural Language Processing

Application Development

Database Design

### CURRENT

Machine Learning (PhD)

Mobile iOS Development

Algorithms

## SKILLS

### PROGRAMMING

Proficient:

Python • Java

Experienced:

C • SQL • Git • HTML • CSS

Javascript • React • Node.js

Familiar:

Ruby on Rails • R

## LINKS

Github: [/EvanFeder](#)

Website: [evanfeder.com](#)

LinkedIn: [/in/EvanFeder](#)

University Email:

[efeder@andrew.cmu.edu](mailto:efeder@andrew.cmu.edu)

## INTERESTS

Drums and Percussion

Shaolin Kung Fu

Film Criticism

Competitive Card Games

## PROFESSIONAL EXPERIENCE

### OPTUM TECHNOLOGY | SOFTWARE ENGINEERING INTERN

June 2019 - August 2019 | Boston, MA

- Enhanced full stack web application for medical fraud detection written in Javascript using React, Node.js, and Express with an Elasticsearch database
- Saved fraud investigators several hours per week of work after pushing additional features into production

### ZENABI DATA | DATA SCIENCE INTERN

May 2018 - Aug 2018 | Westport, CT

- 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 data and presented findings to the Miami Dolphins' head coach, which was then used in choosing Dolphins' plays during the 2018 NFL season

## HACKATHON PROJECTS

### TERMINAL LIVE AI CODING COMPETITION | 3RD PLACE

March 2019 | Carnegie Mellon University

- Created an AI for a tower defense game that utilized path-finding, wall-building, and other strategies to successfully defeat 3 other teams' algorithms in a row
- **Tech:** Python

### OPTUM GLOBAL HACKATHON | 4TH PLACE

July 2019 | Optum Boston Office

- Created the STEP (Smart Tool for Escalation Prevention) dashboard that allows users to predict which customers need the most immediate attention
- Worked with the Optum Customer Service team to teach them how to implement parts of STEP into their escalation prevention product
- **Tech:** Javascript, React, Python, Flask, Scikit-learn

## STUDENT GOVERNMENT

### STUDENT BODY PRESIDENT

May 2019 - Present

- Elected to represent the 14,000+ students of Carnegie Mellon's Pittsburgh campus on student issues
- Lead 250+ individuals within student government to advance student initiatives, run campus events, and oversee student organizations

### STUDENT BODY VP OF FINANCE

May 2018 - May 2019

- Selected and led team of 30 student financial advisors to allocate over \$2.1 million of student funds to 300+ university clubs and organizations
- Analyzed years of university financial data to assist in budgeting process
- Finalized budget allocations with two fewer weeks of meetings and passed budgetary slate faster than in previous years