

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
Dean's List: All Semesters

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 • Swift

LINKS

Github: /EvanFeder

Website: evanfeder.com

LinkedIn: /in/EvanFeder

University Email:

efeder@andrew.cmu.edu

INTERESTS

Drums and Percussion

Shaolin Kung Fu

Film Criticism

Competitive Card Games

PROFESSIONAL EXPERIENCE

OPTUM TECHNOLOGY | SOFTWARE ENGINEERING INTERN

June - 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 features into production environment

ZENABI DATA | DATA SCIENCE INTERN

May - 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

PROJECTS & HACKATHONS

CITADEL 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

- Ideated and developed a dashboard that visualizes the results of a machine learning algorithm which predicts customers who need immediate attention
- **Tech:** Javascript, React, Python, Flask, Scikit-learn

WIKIPEDIA QUESTION & ANSWER SYSTEM

September - December 2018 | Natural Language Processing

- Wrote two systems that would generate thoughtful questions about a given Wikipedia page as well as answer given questions about said Wikipedia page
- **Tech:** Python, nltk

LEADERSHIP

STUDENT BODY PRESIDENT

May 2019 - Present | Carnegie Mellon Student Government

- Elected to represent the 14,000+ students of Carnegie Mellon's Pittsburgh campus on student issues
- Lead 300+ individuals within student government to advance student initiatives, run campus events, and oversee student organizations

LEAD DATA SCIENTIST

January 2019 - Present | CMU Business Technology Group

- Organize data science lectures and analytical projects for 20+ organization members to engage with and learn about data science and engineering