

Devin Lynch

Associate Data Engineer, Amgen Inc.

EDUCATIONAL BACKGROUND

Bachelor's Degree in Economics, Minor in Business

University of Colorado, Boulder

Boulder, CO

May 2021

Relevant Course Work on Page 2

EXPERIENCE

Associate Data Engineer

Amgen Inc.

September 2022 to Present

- Collaborate with Data Architects, Business and Data Scientists to design and develop end-to-end data pipeline to meet fast paced business needs
- Help manage AWS and Databricks platform costs
- Present analysis ideas, progress and results to leadership and business partners
- **Projects:** ML Ops, Google Analytics, Automation, Account Planning
- **Skills:** Python, SQL, AWS/Agile Certification (In Progress), Jira

Gap Year

October 2021 to August 2022

- Transitioned out of Finance
- Focused on OOP, Data Structures, and Algorithms
- Continued to develop ML skills
- Created portfolio website to showcase abilities (linked above)

College Financial Representative Internship

Northwestern Mutual

May 2021 to September 2021

- Obtained FINRA Series 6 and Series 63 licenses
- Presented complex financial topics to clients
- Cultivated new client relationships

Student Athlete (Football)

University of Colorado, Boulder

August 2017 to January 2021

- Walk-on Inside Linebacker
- Earned Distinctions: Iron Man 2019, Honor Roll (3x)

ABOUT ME

Detail-oriented Data Engineer. Former Division 1 Athlete (Football) and Economics graduate with a track record of academic success. A proven, dependable leader who excels in high pressure environments. Seeking an opportunity to enhance my programming skills and knowledge in a formal, academic environment. Areas of interest include AI, ML, and Computer Vision.

SKILLS, PROFICIENCIES, & INTERESTS

- Python, C, C#, C++
- SQL, R, Matlab, HTML, CSS
- Data Structures, Algorithms, OOP
- AI/ML, OpenCV, NLP, Feature Management, Dimensionality Reduction
- Surfer, Reader, Musician, Lifter

VOLUNTEER WORK & ACTIVITIES

Student Volunteer

Phi Delta Theta, CU Boulder Football

August 2017 to May 2021

- Camp assistant, Phi Delta Theta Live Like Lou Foundation, and Greek Week, among other various activities

CUIFC Executive VP - Community Relations,

Founding Father of Phi Delta Theta

Phi Delta Theta Colorado Alpha

December 2019 to December 2020

January 2018 to May 2021

- Liaison to Panhellenic and Office of Strategic Relations
- Established media presence for CUIFC

Youth Football Camp Manager

Chaminade College Prep.

Summer 2016

- Created camp program with no oversight from coaches
- Taught kids U14 fundamentals of football

Devin Lynch

Associate Data Engineer, Amgen Inc.

RELEVANT COURSES

Relevant Course Work from CU Boulder

- Financial Econometrics
 - Matlab
 - Multivariate Linear Prediction
 - Garch
 - ARIMA
 - Linear Algebra Concepts (Matrices, Systems of Equations w/ Matrices, Euclidean Vector Spaces, Eigenvalues/Eigenvectors)
 - Textbook:
 - Ruppert, David. *Statistics and Data Analysis for Financial Engineering*. Springer.
- Calculus 2
 - Differential Equations
 - Systems of Equations
 - Taylor & Maclaurin Series
 - Power Series
 - Sequences
- Econometrics
 - Simple/Multiple Regression
 - Asymptotics
 - Binary Variables
 - Heteroskedasticity
- Statistics
 - R
 - Distributions
 - Expectation
 - Sampling
 - Confidence Intervals
 - Inference
 - Regression

Relevant Extracurricular Course Work & Independent Study

- Raschka, Sebastian, and Mirjalili, Vahid. *Python Machine Learning*. Second ed. Packt, 2017.
- White, Ryan T., and Tikayat Ray, Archana. *Practical Discrete Mathematics*. Packt, 2021.
- Sarda, Shubham. "Data Structures and Algorithms: The Complete Masterclass". Packt. packtpub.com.
- Lott, Steven F., and Phillips, Dusty. *Python Object-Oriented Programming*. Fourth ed. Packt, 2021.
- Howse, Joseph, and Minichino, Joe. *Learning OpenCV 5 Computer Vision with Python*. Fourth ed. Packt, 2023.
 - Subscription to PacktPub gives early access to books and courses.
- Dawani, Jay. *Hands-On Mathematics for Deep Learning*. Packt, 2020.
- Klass, Jannes. *Machine Learning for Finance*. Packt, 2019.
- Malan, David J. CS50's Introduction to Computer Science. HarvardX.
- Mayer, Greg. Linear Algebra I: Linear Equations. GTx.
- Mayer, Greg. Linear Algebra II: Matrix Algebra. GTx.
 - Will complete this fall
- van de Geijn, Robert, and Myers, Maggie. Advanced Linear Algebra: Foundations to Frontiers. UTAustinX.
 - Will complete this fall