

DEVANSHI MURPANA

Boston, MA • +1 (857)-233-7024 • devanshi.murpana@gmail.com • <https://www.linkedin.com/in/devanshi-murpana>
Available from July-December 2023

EDUCATION

Northeastern University, Boston, MA

September 2020-Present

Khoury College of Computer Sciences

Expected Graduation: May 2024

Candidate for Bachelor of Science in Computer Science/Business Administration: Finance

- Honors program, GPA: 3.7/4.0 | Dean's List.
- Relevant Coursework: Microeconomics, Macroeconomics, Financial Management, Investment Banking, Financial Modelling, Foundations of Data Science, Database Design, Algorithms and Data, and Object-Oriented Programming.
- Club Organizations: Student Success Initiative, Computer Science Mentoring Organization, NU Women in Technology

WORK EXPERIENCE

Wayfair LLC, Boston, MA

July 2022-Dec 2022

Software Engineering Co-op, Fin-tech General Ledger Team

- Part of the team that was responsible for engineering processes within accounting, business spend management, processing bank files, sending exchange rates, tax auditing, etc.
- Reduced 100% batch processing errors by refactoring to process one chargeback file per run dated oldest to newest and monitoring the jobs in Jenkins.
- Optimized flagging transactions for in-house remittance reconciliation processor in Python by automating matching of transactions using SQL queries.
- Notable standalone projects include coding two processors from scratch: processing incoming bank files with different formats and sending exchange rates from an in-house API via a SOAP request to an ERP general ledger system.
- Picked up 4-5 tickets a week within decoupled microservices and gained exposure to the deployment process.

Khoury College of Computer Sciences, Boston, MA

Sept 2021-Dec 2021

Teaching Assistant for Discrete Structures

- Held office hours for 4+ hours weekly for a class of 900 students and graded homework and exams.
- Helped students develop a deeper understanding of concepts like combinatorics and permutations, space-time complexity of algorithms, and inductive and recursive definitions of structures.

Startup company- Organize and Succeed, Mumbai, India

March 2019-Sept 2020

CEO and President (Website- <https://organiseandsucceed.wixsite.com/website>)

- Founded a business manufacturing and designing organizers and planners to aid with time management.
- Collaborated with a local NGO (Samjota); purchased Rs. 10,000 braille paper with 50% of business profits to support 2 blind schools in remote villages of Maharashtra.
- Recognized as the rising start-up of the day by a national radio platform: Radio City 91.1 (<https://youtu.be/dIIiBDGYZoM>).

TECHNICAL KNOWLEDGE

Applications: Bloomberg, Microsoft Excel, Word, PowerPoint, Git, Docker, Kubernetes, Azure, Jenkins, PyCharm, IntelliJ.

Languages (Ordered by proficiency): Python, Java, SQL, HTML, CSS, JavaScript, PHP, and Flask.

PROJECTS

LBO Valuation project

February 2023

- Created a model and pitch deck for a possible **leveraged** acquisition of a gambling company by a strategic buyer.
- Performed a standalone and synergized **DCF** model, **Comparable companies'** analysis and examined favorable capital structures to recommend financing majority of the deal with foreign debt.

Stock Pitch and Portfolio Valuation

Oct 2021-Dec 2021

- Researched AbbVie, a biopharmaceutical company, creating a pitch deck recommending a short-term hold position.
- Computed expected returns in **Excel**, performed **DCF** modelling, calculated **WACC** for valuation purposes, and used metrics like P/E ratio for the pitch. As a result, the portfolio beat the S&P 500 benchmark and ranked first in the honors class.

INTERESTS

- Languages: English, Hindi, and Sindhi.
- Stock and Crypto trading, Gym- weightlifting and Pilates, Cars, Reading, Yoga, and Meditation.