

DEVANSHI MURPANA

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Available from July- December 2022

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

- Honors program, GPA: 3.59/4.00 | Dean's List.
- Relevant Coursework: Object Oriented Design, Algorithms and Data, Discrete Structures, Foundations of Data Science, Financial Management, and Investments.
- Club Organizations: Computer Science Mentoring Organization, NU Women In Technology.

TECHNICAL KNOWLEDGE

Languages(Ordered by proficiency): Python, Java, HTML, CSS, JavaScript, and DrRacket.

Systems: Mac OS X, Linux.

Applications: IntelliJ IDEA, Eclipse, Microsoft Visual Studio, Racket, LaTeX, Ubuntu.

PROJECTS

Personal Website (devanshimurpana.com)

January 2022

- Built a personal website from scratch by self-learning HTML, CSS, and JS.
- Leveraged knowledge of UX/UI to program elements of the website.

Photoshop

June 2021

- Coded a version of photoshop in **Java** on *IntelliJ IDEA* employing the MVC pattern with the ability to import and export pictures in .png, .jpg, and .ppm; apply transformations on the image and allow the user to do so interactively on a GUI window, text or script.

FreeCell Solitaire game

June 2021

- Programmed FreeCell Solitaire game in **Java** on *IntelliJ IDEA* employing Model-View-Controller and Command design patterns allowing for user to make single or multi-card moves.

RELATED EXPERIENCE

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 braille paper with a portion of business profits to support blind schools in remote villages of Maharashtra.
- Recognized by national radio platform- Radio City 91.1 and was awarded rising start-up of the day.
<https://youtu.be/dIliBDGYZoM>

ADDITIONAL EXPERIENCE

Northeastern University, Boston, MA

Aug 2021-Present

Student Success Guide

- Facilitating Northeastern's first-year experience for incoming freshmen by providing referrals and resources through the MentorHub NU app.
- Augmented a research project in October for filling information gaps in the app for Khoury college.

INTERESTS

- Languages: English, Hindi, Sindhi.
- Stock and Crypto trading, Painting, Playing the guitar (Trinity Rock and pop - grade 4), Meditation.