Natasha M Daas

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Availability: July - December 2024

EDUCATION

Northeastern University,   Boston, MA**,** Sept 2021 - Present
Khoury College of Computer Science   Expected December 2025
Candidate for a Bachelor of Science in Computer Science and Media Arts   **GPA:** 3.80/4.00
Coursework: Computer Graphics, Linear Algebra Object-Oriented Design, Algorithms and Data Structures,
               Database Design, Animation Basics, Observational Drawing
Honors: Dean's List (Fall 2021, Spring 2022, Fall 2022, Spring 2023)

SKILLS

Programming Languages: Python**,** Java, SQL, MongoDB, C++, OpenGL, Javascript, Typescript, React,
                              HTML, CSS
Design/3D Software: Maya, Blender, Adobe Substance Painter, Adobe Creative Cloud, Figma
Other: Excel, Tableau, Microsoft Power Apps, Microsoft Power Automate

PERSONAL AND ACADEMIC PROJECTS

Raytracer   July 2023 - Present
- Built a computer graphics application that allows users to build complex scenes with objects and render realistic images.
- Used C++, openGL and vector math operations to implement transformations, phong shading, spotlights, point lights, area lights, soft shadows, reflection, refraction, texturing and cameras.

Photo Editor   June 2022
- Developed an image processing application that allows users to edit and save photos.
- Used Java to program editing tools to transform, filter and channel photos.

Bakery App   May 2022
- Created a discovery engine that can be used by bakers to write and save recipes based on their interests.
- Used Java and mySQL to track user inventory and optimize their baking experience.

EXPERIENCE

Northeastern University   July 2023 - December 2023
System Support Associate   Boston, MA
- Utilized HTML, CSS and Javascript to move Northeastern web content to the Slate platform, maintaining and enhancing user experience of the university's websites.
- Used Microsoft Power Apps and Microsoft Power Automate to make daily business processes more efficient for college counselors.

Khoury College of Computer Science   Jan 2023 - May 2023
Teaching Assistant   Boston, MA
- Supported students through office hours by developing their understanding of programming concepts and grading coursework.
- Provided feedback on topics related to object-oriented programming, complex data structures and other concepts using Java programming.

Freelancer   June 2021 - Present
Illustrator, 2D animator
- Collaborated with social media managers to deliver graphics, merchandise and 2D animations using the Adobe Creative Suite and Procreate that reiterate the companies' brand and voice.
- Developed creatives with businesses like Social Alpha, Uncut, International Crisis Summit (ICS), Like Monkeys and other businesses to improve their reach and content engagement on social media.

ACTIVITIES/INTERESTS

NUAnimation Club: Collaborated to grow the animation community at NEU by   Sep 2021 - Present
(Treasurer, VP)   arranging workshops and interactions with industry leaders.