

# Nancy Luu

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## EDUCATION

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**University of Houston, 4.0 GPA**

**August 2022-May 2026**

- Bachelor of Science in Computer Science
- Honors, Dean's Distinguished Scholar, Terry Scholar

## TECHNICAL SKILLS

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**Languages:** Python, C++, HTML/CSS, JavaScript

**Developer Tools:** Linux, VS Code, Git, Docker, Azure

**Technologies/Frameworks:** PyTorch, React.js, Next.js, Node.js, Discord.js, TailwindCSS

**Certifications:** Azure Fundamentals

## EXPERIENCE

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**NASA L'Space Proposal Writing and Evaluation (NPWEE) Academy** May 2023 - August 2023

- Led team of 11 students as the Project Manager for the development of a research proposal that addressed NASA's pain point in the robotics field
- Scheduled all team meetings and focused on the project management approach of the proposal by building a Gantt Chart and determining the timeline for the proposed project

## LEADERSHIP

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**Society of Women Engineers (SWE), Webmaster**

**May 2023**

- Update and manage the website with the implementation of Wix
- Oversee the organization's Discord chat

**University of Houston Terry Organization, Secretary**

**January 2023**

- Facilitate and articulate information to the entire cohort
- Contact volunteer organizations to increase community engagement

**Microsoft Technology Education and Learning Support Program, Volunteer**

**April 2023**

- Teach and reinforce Python and C++ to students from underserved communities

## PROJECTS

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**Kindness Discord Bot** | JavaScript, Node.js, Discord.js, Docker, Azure

- Developed a Discord Bot utilizing Discord.js that produces positive and inspirational quotes when negative words are recognized
- Built a docker image and pushed the image onto an Azure Container Registry Repository to be hosted 24/7 when needed

**Deepfake Classification** | Python, PyTorch, Deep Learning

- Created a binary image classification model by developing a Convolutional Neural Network (CNN) in PyTorch
- Model was trained to differentiate between Swapped and Real-Human images

**Personal Website** | JavaScript, HTML/CSS, React.js, Next.js, TailwindCSS

- Incorporated animations, darkmode feature, and dynamic components onto a responsive website