Nancy Ching Washington, D.C

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Contact Information
301-633-5739
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EDUCATION

Bachelor of Computer Science, Minor in Graphic Design, American University, **GPA: 3.79**

Relevant Coursework: Algorithms & D.S, Design in Programming Languages, Computer Systems Organization , Full Stack Web Programming, Typography, Media Design

TECHINICAL SKILLS

Programming Languages: Java, Python, Javascript, C

Web & Databases: HTML, CSS, Node.js, React, MongoDB, SQL

Libraries: NumPy, Pandas, Keras, Scikit-Learn, TensorFlow

Tools & Technologies: Git, Postman, VSCode, IntelliJ, Eclipse, LaTeX, MS Office

Adobe Applications (Photoshop, InDesign, Illustrator)

RESEARCH

SPIRAL/SPATIAL REU June 2022-July 2022

Data Science Participant

- Selected to participate in a research intensive project using Machine Learning and Deep Learning to further research in multi-cloud layer classification at American University in collaboration with NASA, funded by the National Science Foundation and the National Security Agency
- Presented research at: CAARMS 2022 Princeton University, Change Can't Wait Festival 2022 American University, and accepted to the IEEE BigData 2022 conference.

EXPERIENCE

IBM Accelerate June 2022-July 2022

Software Developer Track

- Participated in an 8-week long virtual learning experinence to develop front-end and back-end programming skills, and professional commuincation skills.
- Completed project assignments utilizing: JavaScript, HTML&CSS, React, Node.js, Express

American University PASS Tutoring Program August 2022- Present

Computer Science Tutor

- Provided free one-on-one tutoring with underclassmen taking their first introductory CS courses by curating extra lessons and practices outside of classtime.

Computer Science Department Teaching Assistant August 2022- Present

- Supported and instructed students during labs and classes.
- Assisted Professor in grading assignments and provided feedback individually catered to each student.

Extracurriculars & Interests: Asian American Student Union. American University Honors Program, Women in Science (Public Relations), Association for Computing Machinery