

Nicole Chen

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Education:

Boston University

B.S. in Electrical and Computer Engineering | GPA: 3.1/4.0

Sept 2017- May 2021

Skills:

Frontend: HTML, CSS and Bootstrap

Backend: C++, C, MATLAB and Python

Miscellaneous: Verilog, Git, Linux, Adobe Illustrator, Adobe XD, and Microsoft Office

Coursework:

Relevant coursework: Programming for Engineering, Intro to Software Engineering, Applied Algorithms, Introduction to Logic Design and Electric Circuits.

Spring 2019 coursework: Applied Algorithms, Introduction to Logic Design, Electric Circuits, Integrated Engineering Design and Macroeconomics.

Experience:

YOH at Harvard Business School | IT support intern

January 2019-Current

- Provided excellent customer service by assisting customers with software issues
- Demonstrated clear communication skills through email, phone or in person
- Exercised good attention to detail when writing down tickets and reports

Communications Neuroscience Research Laboratory | Undergraduate Assistant

October 2018-Current

- Ran experiments through R and Python programs
- Demonstrated leadership by being in charge of a research project
- Set up research participants in sound booths and documented their information

Projects:

Truss Building

- Worked with teammates to design and build a truss that could support high load
- Created a simulator in MATLAB that could calculate max and buckling force of each member

Elastic Collision Simulator

- C++ program that predicted collisions of masses moving in a 2-D space given initial position and velocity
- Stored data and took it into account when predicting future collisions

Ventricle

- Social media app made at Boston Hackathon that used multiple APIs such as a chat box
- Wireframed the app in Adobe XD
- Created the app using React Native and node.js with Javascript and displayed through Expo

Personal Website

- Personal resume website made from Bootstrap, HTML and CSS

Leadership:

Mentorship chair, Society of Asian Scientists and Engineers (SASE) in BU

- Created mentorship program between underclassmen and graduates
- Advertised the club by talking at panels such as the STEM Pathways Mini-Jamboree
- Communicated with various companies for collaborations