

# Grace Huang

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## Education

### Massachusetts Institute of Technology

Cambridge, MA

B.S. IN COMPUTER SCIENCE / GPA: 5.0

Aug. 2020 – May 2024 (expected)

- **Computer Science Coursework:** Introduction to Algorithms, Fundamentals of Programming, Mathematics for Computer Science, Design and Analysis of Algorithms, Computation Structures, Software Construction, Introduction to Machine Learning, Interactive Music Systems, Software Studio
- **Other Relevant Coursework:** Linear Algebra, Differential Equations, Probability and Random Variables, Principles of Microeconomics, Physics II

## Skills

**Programming Languages + Frameworks:** Python, C++, HTML, CSS, JavaScript (React, TypeScript), Java, Hack, Git, LaTeX

**Design:** Adobe Illustrator, Figma, Adobe After Effects

**World Languages:** English (Native), Chinese (Native), Spanish (Limited Working Proficiency)

## Work Experience

### Visualization Group, MIT Computer Science and Artificial Intelligence Lab

Cambridge, MA

RESEARCHER

Sep 2022 – Present

- Working on Bluefish, a visualization language seeking to allow humans to better reason about diagrams

### Meta

Menlo Park, CA

SOFTWARE ENGINEERING INTERN

Jun 2022 – Aug 2022

- Interned on Facebook's Business Growth team
- Worked with both front-end and back-end development, using Hack and React
- Proposed and drove an independent project after completing all base project milestones ahead of schedule

### Hudson River Trading

New York City, New York

INTERN

Jan 2022

- Interned as part of the Women in Tech and Trading Internship program
- Gained important quantitative trading knowledge through projects such as implementing a book builder and creating trading signals

### Meta

Menlo Park, CA (Virtual)

SOFTWARE ENGINEERING INTERN

Jun 2021 – Aug 2021

- Interned on Facebook's Stories Delivery team
- Worked across multiple parts of the code base, using C++, Python, and Hack
- Completed multiple high-impact projects and independently proposed separate projects to pursue
- Launched feature that caused 300k additional daily Facebook stories views

### Haystack Group, MIT Computer Science and Artificial Intelligence Lab

Cambridge, MA

RESEARCHER

Oct 2020 – May 2022

- Helped design an electronic health record system that improves on physicians' notes with live autocomplete and contextual documentation by leveraging structured and semi-structured information parsed from existing records
- Used TypeScript, React, among other front end tools to design important graphs and other components of online clinical documentation interface

## Leadership

### MIT Syncopasian – A Cappella

Cambridge, MA

PRESIDENT

Feb 2020 – Present

- President of 13 member a cappella group
- Correspond with other campus groups and manage overall affairs, such as conducting General Body Meetings