

# Charlie Brush

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New York, NY 10023

## Education

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**Cornell University, College of Engineering**  
Bachelor of Science in Computer Science  
GPA: 3.95

Ithaca, NY  
Expected May 2024

**Related Courses:** Introduction to Computing using Python, Object-Oriented Programming & Data Structures (Java), Discrete Structures, Introduction to Analysis of Algorithms, Computer Graphics, Multivariable Calculus, Introduction to Backend Development

## Technical Skills

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- **Back-end Development Tools:** Python, Java, OCaml
- **Front-end Development Tools:** Swift, TypeScript
- **Developer Tools:** Git, GitHub, VS Code, Eclipse, & Atom
- **Microsoft Office Suite:** Excel, Word, Access, & PowerPoint

## Project Experience

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### IOS Projects

- Intro to iOS Development, Cornell University Fall 2020
- Created the frontend of an app to keep track of campus events
- Intro to Backend Development, Cornell University Spring 2021
- Created the backend of an app to improve mental health

### Creative Project

- Data Structures and Functional Programming, Cornell University Fall 2021
- Collaborated in a team of 3 to recreate the game Tetris

## Extracurricular Activities

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### Cornell Bread Club

- President September 2021-Present
- Organize biweekly meetings, teach members how to bake bread, make and sell bread to pay for expenses

### Alpha Phi Omega, Gamma Chapter

- Member February 2022-Present
- Co-ed service fraternity
  - Participate in various service activities throughout the year

### Cornell Concert Commission

- Member September 2022-Present
- Attend weekly meetings, help set up for concerts on campus

## Academic Honors

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- Cornell College of Engineering Dean's List Every Semester  
Cornell College of Engineering Joan and Irwin Jacobs Scholar

## Skills and Interests

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**Interests:** Baking, figure skating, reading, playing guitar, hiking