

# Steven Yu

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## EDUCATION

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### Cornell University

Ithaca, NY

*Bachelor's, Computer Science*

*Expected May 2027*

- 4.08/4.0 GPA
- First Year Coursework: Object-Oriented Programming and Data Structures, Discrete Structures, Intro to Backend Development, Data Structures and Functional Programming, Digital Logic and Computer Organization, Linear Algebra for Engineers

### Hackley School

Tarrytown, NY

*High School Diploma*

*Sep. 2019 – June 2023*

- Cum laude; 4.4/4.0 GPA; 1590/1600 (800 Math, 790 R&W) SAT
- Honors and Awards: Junior Computer Science/Technology Award, National Merit Finalist, U.S. Presidential Scholar Candidate, AP Scholar with Distinction
- Activities: Varsity Swim Team Captain, Model UN Club President, CS Club Leader, Peer Tutor

## EXPERIENCE

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### Full-Stack Developer

Oct. 2023 – Present

*Cornell Digital Tech & Innovation (DTI)*

*Ithaca, NY*

- Worked as a developer on QueueMeIn, an office hours platform used by 2000+ students at Cornell.
- Developed a full stack web app (CUSoon) for the DTI New Member Project that leveraged the core technologies used in DTI.

### Co-Founder & Lead Mobile App Developer

Dec. 2021 – Present

*VerseGroup, LLC*

*Greenwich, CT*

- Created the SchoolVerse app that manages student life in one universal app ([shoolverse.app](https://shoolverse.app)).
- Built the iOS app using SwiftUI and Swift; implemented technical features (e.g. encryption, API integration, database management, data modeling, etc.); engineered tech stack from scratch.
- Won \$1200 Russ Hogg Grant to fund development.
- Achieved 80% adoption rate at Hackley School.

### Student Research Intern

June 2022 – Aug. 2022

*ETH Zurich SAFARI Group*

*Zurich, CH*

- Created an accurate COVID-19 outbreak model simulation app for iOS.

## PROJECTS

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### CUSoon Web App | *TypeScript, React, Next.js, TailwindCSS, Express.js, Node.js, Firebase*

Oct. 2023

- Created a full-stack web app that uses web scraping to aggregate bus ticket data to allow students to compare and find the best bus tickets and times ([cusoosoon.vercel.app](https://cusoosoon.vercel.app)).

### Ritu App | *Swift, SwiftUI, Python, FastAPI, Twilio, Figma, Firebase, DigitalOcean*

Oct. 2023

- Created a Python REST API and SwiftUI iOS app that sent targeted weekly pest/weather risk predictions to farmers through the app and SMS notifications via Twilio within 24 hours.
- Won First Place in Cornell Johnson High Tech Club's Switch The Pitch Hackathon with \$1500 award.

### DevVerse App | *Swift, SwiftUI, OAuth*

May 2022

- Built an iOS app for busy developers that interfaced with the GitHub API and GitHub OAuth.
- Won First Place in LexHack 2022 and completed the hackathon project within 24 hours.

### Model UN Website | *HTML, CSS, TailwindCSS, JavaScript, Next.js, React, TailwindCSS*

Jan. 2022 – Present

- Created the HackMUN website ([hackmun.org](https://hackmun.org)) using Vercel, NextJS, and TailwindCSS.

## SKILLS

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**Programming Languages:** Swift, Python, Java, JavaScript, TypeScript, HTML/CSS, R

**Frameworks/Tools:** SwiftUI, Flask, FastAPI, pandas, NumPy, Jupyter Notebook, React, Next.js, TailwindCSS, Express, Node.js, Firebase, Git/GitHub, Figma, SQL, Docker, DigitalOcean, Google Cloud Platform, JUnit

**Languages:** English, Chinese