

Steven Yu

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EDUCATION

Cornell University

Ithaca, NY

Bachelor's, Computer Science

Expected May 2027

- Expected First Year Coursework: Object-Oriented Programming and Data Structures, Discrete Structures, Intro to Backend Development, Data Structures and Functional Programming, Linear Algebra for Engineers, Trends in Modern Web Development

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

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).
- Built the iOS app using SwiftUI and Swift; implemented technical features (e.g. encryption, API integration, database management, data modeling, etc.); engineered tech stack with the Lead Backend Developer.
- 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.
- Learned and read scientific papers about bioinformatics and topics in computer architecture.

Student Research Intern

June 2021 – Aug. 2021

Cambridge University Respiratory Protection Engineering Task Force

Cambridge, UK

- Used R programming to conduct image analysis on how eyewear protects against respiratory infections.
- Wrote & presented a research paper at a science fair.

PROJECTS

PeerTutor App | *Swift, SwiftUI, Firebase*

Oct. 2022 – Dec. 2022

- Worked with team to create an app with a REST API and SwiftUI to help students tutor and find tutors.
- Won District Runner-Up for US Congressional App Challenge.

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, JavaScript, Next.js, React, TailwindCSS*

Jan. 2022 – Present

- Created the HackMUN website (hackmun.org) using Vercel, NextJS, and TailwindCSS.

SKILLS

Technical Skills: Swift, SwiftUI, Python, Java, R, Git/GitHub, HTML/CSS, Firebase, Figma, Photoshop

Languages: English, Chinese