

Steven Yu

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EDUCATION

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

Front-End Developer

Jan. 2024 – Present

Stealth Startup (EF '24)

New York, NY

- Building a full-stack product with Next.js, Alpine.js, shadcn/ui, and Supabase.

Full-Stack Developer & Teaching Assistant

Oct. 2023 – Present

Cornell Digital Tech & Innovation (DTI)

Ithaca, NY

- Building as a developer on QueueMeIn, an office hours platform used by 2000+ students at Cornell.
- Working as a Teaching Assistant for Trends in Web Dev, a class on modern full-stack web development.
- 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 – Dec. 2023

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 from scratch.
- Won \$1200 Russ Hogg Grant to fund development.
- Achieved 80% adoption rate at Hackley School.

PROJECTS

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

Oct. 2023

- Created a full-stack web app hosted on Vercel that uses web scraping to aggregate bus ticket data to allow students to compare and find the best bus tickets and times (cusoon.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.

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

Jan. 2022 – Present

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

SKILLS

Programming Languages: Swift, Python, Java, JavaScript, TypeScript, HTML/CSS, OCaml, Verilog, 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