

JASON HUANG

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY

Expected: May 2021

B.S: Computer Science | Information Science (UI/UX Design) minor | GPA: 3.3

RELEVANT COURSEWORK

- | | |
|--|-----------------------------------|
| ✓ Data Structures and Functional Programming | ✓ Embedded Systems |
| ✓ Backend Development | ✓ Discrete Structures |
| ✓ UNIX Tools and Scripting | ✓ Object-oriented Programming |
| ✓ Digital Logic and Computer Organization | ✓ Intro to Computing using Python |

PROGRAMMING EXPERIENCE

- **Runner** – iOS app with backend server | displayed on github.com/Jasonh90/Runner
- **Cornell Daily Sun Website** – Optimizing website using React | Coding with JS/HTML/CSS(+React)
- **Reddit-Style Backend Project** – Using MySQL and Docker | Testing with Postman | Coding in Python
- **Personal Website** – Current solo project | Soon to be online | Coding in JS/HTML/CSS
- **Gold Miners** – Used Dijkstra's Shortest Path (greedy) | Optimization (made leaderboard) | Coded in Java
- **Invaders** – Alternative version of Galaga | Extended to have multiple lives | Coded in Python

PROFESSIONAL EXPERIENCE

LineUpApp, NYC, *Mobile Developer Intern*

May 2019 – present

- Programming in React Native for cross platform efficiency and a smoother user interface
- Exploits Lean Kanban Agile Development for continuous flow of delivery

The Cornell Daily Sun, Ithaca, NY, *Web Developer, Multimedia member*

Jan 2019 – present

- Maintaining and updating the website with React.js, Amazon Web Services, WordPress
- Collaborating with team to design an appealing and consistent website for the Daily Sun
- Records and edits videos weekly using Adobe Premiere Pro CC for organizations on and off campus

Aerial Robotics Club, Ithaca, NY, *Software/ECE Sub-team Member*

Jan 2018 – May 2019

- Developing autonomous drone using pig.pio to compete in an International Aerial Robotics Competition
- Responsible for the use of the LiDAR-Lite and Max-Sonar on the drone for wireless detection

LEADERSHIP EXPERIENCE

Selective Corporate Internship Program, NYC, *Web & Design Intern*

June 2019 – present

- Collaborating with 15 other interns to plan for an exposition in October that holds 2000+ people
- Taking charge in producing high quality videos and photos using personal camera
- Presenting problems and solutions towards SCIP as a future global leader
- Designing and recreating SCIP's home website using Wix

Army JROTC, Fresh Meadows, NY, *Class Leader (Cadet Sergeant First Class)*

Sept 2013 – Aug 2017

- Advanced public speaking skills through 15+ presentations yearly with extensive interactive exercises
- Led 34 cadets in leadership class (Taught and mentored the Cadet of the Quarter)
- Squad Leader for 6 cadets and marched in 4 Parades annually (Led 600+ cadets during parades)

SKILLS & INTERESTS

Programming Languages: Java, Python(SQLite3), C++/C, JavaScript(+React, Node)/CSS/HTML, React-Native

Software: Shell/Terminal, PuTTY/ssh, Ubuntu, VS Code, Eclipse, Quartus, Microsoft Office, Verilog, Docker

Languages: Chinese (fluent in Mandarin and Wenzhounese dialect), English

Interests: Photography, Videography, Design, Photoshop, Premiere Pro