

# Connor Chen

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## EDUCATION

### Cornell University – College of Engineering

*Ithaca, NY / August 2020 – Present*

- GPA: 3.99/4.0 | Expected Graduation: December 2023
- Major: Computer Science | Minor: Applied Economics
- Coursework: Intro to Backend Development, OOP & Data Structures, Python Computing, Discrete Structures\*, Data Structures & Functional Programming\*, Probability Models and Inference\*, Digital Logic and Computer Organization\*, Linear Algebra

\* = Current Courses

## SKILLS

Java, Python, Javascript, ReactJS, Redux, PostgreSQL, Flask, HTML, CSS, Selenium, Heroku, and Docker

## PROJECTS

### RateCollegeClubs.com

*July 2021*

*Web application that provides college students with club ratings based on student feedback*

- Ideation of website based on needs of college community
- Designed and developed using the MERN stack and deployed using Heroku and Netlify

### CULaundry

*May 2021*

*iOS mobile application, awarded "Most Creative App" in the Cornell University AppDev SP21 Hack Challenge, that provides students with real-time updates of laundry machine availability, increasing student productivity*

- Collaborated in a team as backend developer alongside an iOS developer and product designer
- Developed backend API using Flask, SQLite, and LaundryView API
- Created marketing video to feature all key capabilities and benefits to the student body

## EXPERIENCE

### Modern Reliance

*Chicago, IL / June 2021- August 2021*

Software Engineering Intern

*Responsible for development of a web application for employees and residents in senior living communities*

- Built full stack systems for creating menus, ordering meals, and reviewing meals
- Developed profile creation for new employee onboarding with ReactJS, PostgreSQL, and AWS S3
- Conducted unit and integration testing of new features and capabilities

### Cornell University ChemE Car

*Ithaca, NY / November 2020 – Present*

Electronics Subteam Member

*Builds model cars purely powered and operated by chemical reactions – winner of 2021 AIChE Northeast Regional competition*

- Built Arduino controlled circuits to supply power to the motor based on a photodiode signal
- Researched efficient methods to optimize data collection and car design

### Cornell Computer Reuse Association

*Ithaca, NY / October 2020 – Present*

President

*Student group dedicated to donating computers to humanitarian organizations and the Ithaca community*

- Maintained a current accounting of the organization's funding and expenses
- Facilitated weekly meetings to promote active member participation