ZHIGE CECILIA LU

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EDUCATION

**Cornell University
College of Engineering**

GPA: 3.91 / May 2022

B.S. Information Science,
Systems, and Technology

EXTRACURRICULARS

**Medium Design Collective/
Editorial Team Member**

Fall 2018-present / Ithaca, NY

- Creating content/artwork and page layouts for printed publication
- Website design for RAW expo

**Shaker High School Yearbook/
Co-Editor-in-Chief**

Fall 2016-Spring 2018 / Albany, NY

- Designed templates for two 300+ page yearbooks
- Managed production process, including design, photography, writing, proofing

AWARDS

National Merit Scholar, Various Juror's Choice Awards at Regional Art Shows

TOOLS

Sketch, Origami Studio, InVision, Photoshop, Illustrator, HTML/CSS

EXPERIENCE

**Rensselaer Polytechnic Institute/
Materials Science Research Intern**

Fall 2016-Spring 2018 / Albany, NY

- Perovskite ($MAPbCl$, $MAPbI$) synthesis research for doping and photovoltaic/ thermoelectric applications
- NASA and Momentive Materials awards at Greater Capital Region Science and Engineering Fiar

PROJECTS

**Goalkeeper (App Concept)/
Best UI, AppDev Hack Challenge**

Fall 2018 / Ithaca, NY

- Designed an app that tracks long-term goal keeping progress
- Worked with a team of iOS and backend developers to create a prototype

Spotify Case Study

Fall 2018 / Ithaca, NY

- Implemented desktop feature "Friend Activity" into mobile app
- Case study published in Prototypr blog

**Pulse (Product Concept)/
Best Overall Design, Creative Sprint**

Fall 2018 / Ithaca, NY

- Designed wearable technology that combines heart rate monitoring with aromatherapy to give users confidence