

ZHIGE CECILIA LU

portfolio: cecilialu.me
contact: zcl5@cornell.edu

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 and page layouts for printed publication
- Website design for RAW exposition

**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

EXPERIENCE

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

Fall 2016-Spring 2018 / Albany, NY

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

PROJECTS

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

Fall 2018 / Ithaca, NY

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

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

Fall 2018 / Ithaca, NY

- Designed wearable technology that uses heart rate monitoring to detect changes in potential stress level
- Calming essential oils are released to remind people of the comfort of home through familiar and customizable scents

Cards for a Cause / Fundraising Project

Fall 2016-Spring 2017 / Albany, NY

- Sold over \$300 worth of handmade cards to raise support for the SAFE House in Schenectady, NY
- SAFE is a shelter home for local runaway and at-risk teens

AWARDS

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

TOOLS

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