

# Irena Gao

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## EDUCATION

### Cornell University

College of Agriculture and Life Sciences  
BS in Information Science  
Expected Grad. May 2021

### Pittsford Mendon High School

Grad. May 2017  
Cum. GPA: 4.0

## SKILLS

### UX/Design:

Figma  
Wireframing  
Prototyping  
User Research

### Front-end Languages:

HTML, CSS, PHP, Javascript

### Back-end Languages:

Python, Java

### Frameworks:

Flask

### Databases:

MySQL, SQLite

## COURSEWORK

### Front-end/Design:

Web Design  
Digital Product Design

### Back-end:

Python  
Data Struct. & Obj-Oriented Prog.  
Backend Dev.

### Data Science:

Data Science  
Machine Learning

## PROJECTS

Snapchat Redesign Case Study  
Scout

## EXPERIENCE

### Dynalec Corporation

Information Technology Intern

July 2019 – August 2019

Sodus, NY

- Created a program to help company managers maintain training courses that 150 employees have taken
- Initiated migration of company language from the discontinued Visual FoxPro to Python Flask, HTML, and SQL
- Made the user interface easier to use for employees

### Life Changing Labs - MicroDot CBS

Design & Front-end Intern

Jun 2019 – July 2019

Ithaca, NY

- Designed and coded website prototype of an online marketplace using Figma and HTML
- Created user interface to help users make transactions and trade products to encourage spending in a lagging economy

## ACTIVITIES

### AguaClara

Research IT and Public Relations Team Member

Sept 2018 - Present

Ithaca, NY

- Answered technical questions and wrote python documentation to aid research subteams in testing water filtration techniques
- Partnered with other schools and organizations to educate them on the importance of clean water and fund-raised to facilitate research at Cornell
- Helped in the construction of five water plants in Honduras to guarantee clean drinking water to its inhabitants

### Solarize

Cornell University Sustainable Design Member

June 2019 - Present

Ithaca, NY

- Designed and coded website prototype of an order form using Figma and HTML
- Created user interface to help customers determine what type of solar panel to attach to their trailers

### Life Changing Labs

Branding/Marketing Stakeholder

October 2019 - Present

Ithaca, NY

- Designed pamphlets and quarter cards to promote the entrepreneurship mission and individual events of this startup