

# NANCY ENGEL

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## EDUCATION

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### Cornell University, College of Arts and Sciences, Ithaca, NY

August 2016 - May 2020

- Bachelor of Arts in Information Science
- Minors: French Studies, Inequality Studies, Crime, Prisons, Education and Justice (CPEJ)
- Cumulative GPA: 3.6/4.00

## EXPERIENCE

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### Cornell Prison Education Program

#### Teaching Assistant

August 2019 - March 2020

- Teach computer lab at Cayuga Correctional Facility for 3 hours weekly
- Help and support students with homework for their various courses as well as their long term thesis projects
- Encourage development of students' computer literacy week to week, while also developing and researching curriculum for teaching computer programming within prison

### Von Cramm Cooperative

#### Sustainability and Humanitarian Outreach Chair

August 2019 - May 2020

- Organize a 100-person community dinner to start dialogues between Cornell faculty and staff, students, and Ithaca community members
- Facilitate dialogues about social issues weekly, many including guests from the Ithaca community
- Focus on improving sustainability within our student-run house of 34 people, while maintaining focus on the social causes and effects of climate change and sustainability

#### Food Steward

May 2018 - May 2019

- Plan, purchase for, and oversee 60 person meal plan providing dinner 6 times weekly
- Work on improving ethics of our food consumption and reducing food waste
- Organize 150 person dinner event
- Oversee kitchen maintenance and cleanliness

#### ICU Representative

January 2018 - May 2018

- Work on creating a co-op manual for university administrators and students to use in establishing more cooperative houses at Cornell
- Create new officer positions that deal with community outreach and making co-ops more accessible, inclusive, and environmentally conscious

### Cornell Computing and Information Science

#### Teaching Assistant

January 2020 - June 2020

- TA for INFO 2950: Introduction to Data Science
- Hold weekly office hours, facilitate discussion sections, grade homework
- Mentor student groups working on open-ended data-driven projects

### Publicis Sapient

#### Software Engineering Intern

May 2019 - August 2020

- Build an Alexa app that allows users to track the status of their prescriptions
- Design an affordable smart mirror system to facilitate medication adherence for a variety of users

#### Associate Engineer

October 2020 - present

- FILL

### Cornell Farmworker Program

#### Poll Analyst

September 2018 - June 2019

- Analyze poll data from the Cornell National Social Survey on bivariate level and via multiple regression
- Write report for NY legislators on national and local opinion towards undocumented immigrants based on poll data

*ESL Tutor*

- FILL

*August 2019 - May 2019*

*Tutor Coordinator*

- FILL

*August 2019 - July 2020*

**Cornell University Institute for Climate Smart Solutions**

*Research Assistant*

*June 2018 - January 2019*

- Conduct research on climate change and its effects on food for upcoming book
- Sift through and manage hundreds of potentially useful sources
- Write book chapter on Chocolate and Climate Change

**Cornell Creative Computing Club**

*Programmer*

*August 2018 - May 2019*

- Collaborate with undergraduate team on developing an app to visualize music in real time
- Develop audio analysis code using mathematical modeling of audio perception

**Cornell University De Vlaminc Lab**

*Research Assistant*

*August 2017 - August 2018*

- Work with postdoctoral student using bioinformatics tools to analyze single-cell data on organ transplant patients and in conducting experiments in lab

**Florida State University Hughes Lab**

*Research Assistant*

*May 2016 - August 2016*

- Summer REU program: work with minnows, set up and run behavioral neuroscience experiment, perform data entry and analysis

**Alternative Spring Breaks Cornell**

*Service Learning Chair*

*April 2017 - August 2018*

- Develop 12-week curriculum on social justice issues and service learning principles
- Prepare Cornell students for service learning trips at 11 different agencies
- Learn about social justice issues and organizations doing social justice work

*Trip Leader*

*April 2017 - May 2017*

- Lead Spring Break trip to GallopNYC, a NYC-based agency that does therapeutic horsemanship with kids with disabilities
- Facilitate team discussions, lead group work, communicate with program leadership and agency, and implement risk management protocol