

# Emily Chen

8 The Drawbridge, Woodbury, NY 11797

ec745@cornell.edu | (718) 869-0005 | <https://emilychen12.github.io>

## EDUCATION

---

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

Bachelor of Arts in Information Science • Bachelor of Arts in English

*Expected Dec 2019*

Minors: Computer Science and Education

Cumulative GPA: 3.79

## RELEVANT COURSEWORK

---

Object-Oriented Programming and Data Structures • Discrete Structures • Data Structures and Functional Programming • Systems Programming • Natural Language Processing • Foundations of Artificial Intelligence • Crowdsourcing & Human Computation • Introduction to Computing Using Python  
Introductory Design and Programming for the Web • Introduction to MATLAB • Communication and Technology • Information Ethics, Law and Policy • Computer-Mediated Communication • Designing Technologies for Social Impact

## TECHNICAL SKILLS

---

Java • Python • MATLAB • HTML • JavaScript • CSS • PHP • OCaml • Lua • Microsoft Office

## EXPERIENCE

---

### **Game Developer/Designer (Independent Project)**

*Feb 2018-Present*

- Create the game “Zenithia Castle” through the programming software Pico-8 and language Lua.
- Script and map the story and gameplay; design unique characters, maps and sprites.
- Compose original soundtrack and create sound effects for the character’s actions.

### **Teaching Assistant for Introductory Design and Programming for the Web**

*Aug 2017-Present*

*Department of Information Science at Cornell University*

- Lead a lab section; guide students through the lab and demonstrate new concepts to the class.
- Hold office hours for students who have additional questions or require help on assignments.
- Grade students’ assignments and provide feedback for further improvement.
- Attend meetings with the professor and teaching assistants to discuss lecture and lab content.

### **Dealer Portal/Web Development Intern**

*June 2019-Aug 2019*

*Canon U.S.A., Inc.*

- Implemented a content submission form with client-side validation for the Digital Marketing Services Department’s website.
- Worked closely with a UX/UI Intern to design and test the content submission form.
- Used VBScript to transfer and format the data from a submitted form to an email.

### **Cornell Upward Bound Tutor Counselor**

*June 2018-Aug 2018*

*Cornell University’s Public Service Center*

- Prepared first-generation and low-income high school sophomores and juniors for college.
- Assisted teachers and students with homework and classwork for academic and elective classes.
- Monitored students in a dormitory as a resident advisor to simulate the college living experience.
- Toured various colleges with students and taught them how to network with college representatives and how to ask questions that would best benefit their personal goals.

## AWARDS AND ACHIEVEMENTS

---

**Dean’s List of the College of Arts and Sciences**

*Fall 2017, Spring 2018*

**Ada Howe Kent Foundation Scholarship Recipient**

*Fall 2017, Fall 2018*

**Published novel via Amazon Kindle Direct Publishing**

*Summer 2015*

## OTHER SKILLS & ACTIVITIES

---

Languages: Fluent in Mandarin; Proficient in Japanese; Conversant in French.

Secretary/Webmaster of Von Cramm Cooperative Hall (Aug 2019-Present).

Vice President and Former Event Coordinator of Cornell Piano Society (Sept 2017-Present).