Emily Chen

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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 • C++ • C# • MATLAB • HTML • CSS • JavaScript • React • PHP • OCaml • Lua

EXPERIENCE

Game Developer/Designer (Independent Project)   *Feb 2018-Present*
- Create the game *Zenithia Castle* through the programming software Pico-8 and language Lua.
- Write 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*
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.
- Teach students how to write thorough but concise design journeys.
- Grade students' assignments and provide feedback for further improvement.

Web Development Intern   *June 2019-Aug 2019*
Canon U.S.A., Inc.
- Developed a content submission form with client-side validation for Canon's Extranet site.
- Worked closely with a UX/UI intern to design and test the content submission form.
- Used VBScript to format and send the data from a submitted form to an email.
- Aided in migrating content to a new portal for Canon's dealers via IBM Web Content Manager.

Upward Bound Tutor Counselor   *June 2018-Aug 2018*
Cornell 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 the students and taught them how to network with college representatives and how to ask questions that would best benefit their personal goals.

AWARDS & 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 and Webmaster of Von Cramm Cooperative Hall (Aug 2019-Present).
Vice President and Former Event Coordinator of Cornell Piano Society (Sept 2017-Present).