Emily Chen

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY

Master of Engineering in Computer Science *Expected May 2020*

Concentration: Natural Language Processing

Coursework: Foundations of Artificial Intelligence • Crowdsourcing & Human Computation • Inside Technology Language and Information • Computational Linguistics • Human-Robot Interaction • Public Engagement in Science

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

Bachelor of Arts in Information Science • Bachelor of Arts in English *June 2016-Dec 2019*

Minors: Computer Science and Education

Cumulative GPA: 3.72

Coursework: Object-Oriented Programming and Data Structures • Discrete Structures • Data Structures and Functional Programming • Computer System Organization and Programming • Natural Language Processing • Introduction to Computing Using Python • Introductory Design and Programming for the Web • Communication and Technology Information Ethics, Law and Policy • Computer-Mediated Communication • Designing Technologies for Social Impact

TECHNICAL SKILLS

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

EXPERIENCE

Game Developer/Designer (Independent Project) *Feb 2018-Present*
- Design and develop 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.
- Conduct alpha testing to collect players' feedback and find and fix bugs.

Teaching Assistant for Introductory Design and Programming for the Web *Aug 2017-Dec 2019*
Cornell University
- Taught students UX design principles and how to write thorough but concise design journeys.
- Led a lab section; guided students through the lab and demonstrated new concepts to the class.
- Held office hours for students who had additional questions or required help on assignments.
- Graded students' assignments and provided 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 2017-2019*

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).