

Yifan (Eva) Zhong
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<https://Eva-Zhong.github.io/my-website>
<https://github.com/Eva-Zhong>

EDUCATION

Carleton College, Northfield, MN

Bachelor of Arts: Computer Science, Cognitive Science Concentration

Related Courses: Software Design, Data Structure, Intro to Computer Science, Calculus III,
Mathematical Structures, Linear Algebra, Probability; Intro to Cognitive Science
Algorithms: Design and Analysis, Part 1 (Stanford Online)

Expected Graduation Date: June, 2020

GPA: 3.77/4

RELATED EXPERIENCES

Research Assistant, GroupLens, University of Minnesota Jan. 2018 - Present

- Using Python and R to analyzing the performance of different algorithms of movie trailer recommendations deployed by GroupLens, a research lab specializing in social computing
- Designing new algorithms to recommend movie genres, instead of movies, to participants
- Developing an application that tests different recommendation algorithms

Database Intern, Pencils of Promise, New York Sep. 2017 - Dec. 2017

- Managing cloud data in the database for the organization and address technical requests across the company
- Conducting data analytics on donation data to provide strategic recommendations on fundraising for next year
- Developed a javascript application that sped up the data gathering process

Teaching Assistant, Girls Who Code Inc. (NGO), New York June. 2017 - August. 2017

- Taught 40 high school girls the fundamentals of computer science, covering topics including Python, Robotics, Web development in HTML, CSS, JavaScript, Django, and more.
- Assisted the students with their questions and with their final projects
- Managed the classroom and maintaining an inclusive and respectful classroom environment

Member, Lovelace, Carleton College April 2016 - June, 2017

- Participate actively in the Carleton organization for women in technology
- Participate in workshops and tech-related events such as MinneWIC, a local conference for women in tech

LEADERSHIP EXPERIENCES

Peer Leader, Office of Intercultural and International Life, Carleton College Sept. 2016 - June. 2017

- Awarded as one of the Outstanding Peer Leader of the year
- Organized international student orientation and New Student Week Program
- Provided one-on-one mentorship for international and intercultural students to help them transition to college life
- Facilitated discussions on diversity and social justice

Chinese Club Board Member, Carleton College, Feb. - June 2016

- Organized activities to help strengthen ties among Chinese students at Carleton
- Collaborated with student-life offices and student organizations to plan cultural events on campus

PROJECTS

Java Game: Revised version of 2048 (<https://github.com/Eva-Zhong/2048-Java>) Jan. 2017 - March. 2017

- Developed a modified version of the game 2048 in Java with two partners
- Created animations such as rotating the board with Java and JavaFX
- Led the design, graphics and front-end development of the game

Othello Game with graphics (<https://github.com/Eva-Zhong/Othello-Game-Python>) Jan. - March 2016

- Pair programmed and designed graphic interfaces for the game Othello in Python
- Added AI component which beats almost all the human players who participated in the testing

Independent Project in Mathematical Consulting Jan. 2017 - April. 2017

- Worked with three peers and the local government in Northfield to estimate future ridership for a local railroad
- Conducted data cleaning for related datasets in R and Python and built a mathematical model in Python
- Conducted background research into similar analysis on traffic planning
- Presented results to the local government representative and submitted a paper of our work

SKILLS

Computer Skills: Java; Python; Django; R; HTML and CSS; JavaScript; SQL