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

PROJECTS

Web Project: Carl Office Hour (Ongoing) (carlofficehour.pythonanywhere.com)   July. 2017 - Present
- Developing a website with a backend that allows students to search for professors' office hours easily
- Allowing users to search for information by using Django, Python, JavaScript, HTML and CSS
- Using javascript to display information interactively and applying Bootstrap and CSS for website design

Java Game: Revised version of 2048 (https://github.com/Eva-Zhong/2048-Java)   Jan. 2017 - Present
- 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 2015
- 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 railroad which would connect Northfield to the Twin Cities
- Apply programming skills (R and Python) to work with online dataset and conduct data cleaning
- Built a mathematical model, utilizing online traffic and demographic datasets and conduct background research into traffic planning and related policies

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RELATED EXPERIENCES

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

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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

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