

Helena Chen

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Education

- University of Pennsylvania** | Philadelphia, PA - *Cumulative GPA: 3.62 / 4.00* May 2018
Candidate for Bachelor of Arts in the College of Arts and Sciences
Majors: Computer Science and Cognitive Science
Relevant Coursework: Mathematics for Computer Science; Algorithms and Data Structures; Automata, Computability, and Complexity; Computer Systems Architecture; Market and Social Systems on the Internet
- University of Michigan** | Ann Arbor, MI - *Cumulative GPA: 3.82 / 4.00* May 2015
University Honors - Fall 2014, Spring 2015
William J. Branstrom Freshman Prize - Spring 2015
- Detroit Country Day School** | Beverly Hills, MI June 2014

Projects

- Best Overall for "Bias Buster"** | FemmeHacks Hackathon February 2016
 - Web app with a text analysis tool to identify, quantify, and correct bias. *Python, HTML, CSS*
- Grand Prize for "PowerPlan"** | EECS 183 Showcase April 2015
 - Web scheduler that uses the Michigan schedule API to streamline course planning. *Python, HTML, CSS*
- "Politics of a Feather"** | NETS 150 May 2016
 - Program that applies the vector space model to Tweets to predict 2016 Presidential Election results by state. *Java*

Work Experience

- University of Pennsylvania** | Philadelphia, PA January 2016 - Present
Teaching Assistant, Programming Languages and Techniques (CIS 120)
 - Develop original lesson plans and teach weekly, hour-long recitations in OCaml and Java to a class of twenty students
 - Hold one-on-one Code Reviews every two weeks with ten students; provide feedback on coding style, logic errors, and testing
 - Hold weekly office hours to debug student code and explain concepts; assist roughly twenty students every two hours
 - Work with a committee of six to maintain and update automated tests used to grade student homework
- University of Pennsylvania** | Philadelphia, PA July 2016 - August 2016
Technical Assistant, Linguistics Data Consortium
 - Manage data processing systems used to distribute language resources; duplicate three publications each day
 - Run and modify scripts for data validation and quality control in a Unix environment
 - Review and develop publication documentation; update publications and media inventory weekly

Leadership Experience

- Penn Sangam** | University of Pennsylvania January 2016 - Present
Treasurer
 - Acquire funding for four campus-wide events every semester, including three Chai Chats requiring expenditures of \$100 each and one Chai House speaker event with an expenditure of \$3,000
 - Prepare presentations for funding committees three times a month; attend Board meetings every week
- Dance Marathon** | University of Michigan September 2014 - March 2015
Team Captain
 - Oversee a team of fifteen participants; organize monthly team fundraisers such as bucketing and bake sales
 - Raise \$350 as Team Captain and assist all other team members in raising the required \$300 each
 - Participate in the 24-hour Marathon in March; boost team morale throughout the entirety of the Marathon

Other Affiliations: Sigma Kappa Sorority Member

Languages

Java	Proficient (10,000+ lines)
OCaml, C, HTML, Python, CSS	Familiar (1,000+ lines)

Interests

PennYo A Cappella	Fall 2015 - Spring 2016
Charcoal Drawing	10 years
Spanish	9 years