

# ANGELINA WANG

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## EDUCATION

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### University of California, Berkeley

*(anticipated) Spring 2019*

B.S. in Electrical Engineering and Computer Science, Minor in Philosophy      Technical GPA: 3.95

Member of Eta Kappa Nu, Electrical and Computer Engineering Honors Society

### University of Cambridge

*Summer 2016*

Study abroad: Philosophy

## TECHNICAL STRENGTHS

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### Computer Languages

Python, Java, Scheme, SQL

### Software & Tools

HTML, CSS, Excel

## EXPERIENCE

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### CalSol

September 2015-present

- Work on telemetry portion of the Cal Solar Vehicle team using Java to implement new features for data collection and analysis

### Robotics at Berkeley

September 2015-present

- Involved in the R.A.S.cal battlebots team by learning about machine learning and neural networks

### Extracurriculars

September 2015-present

- Plan weekly event and make executive decisions for Challah for Hunger as Dough Production Manager and board member
- Organize and participate in spirit events as part of University of California Rally Committee
- Volunteer in community service and attend social activities held by Society of Women Engineers

### Projects

Fall 2015-Present

- Developed a Scheme interpreter in Python that parsed given code to implement the functionalities
- Created a text editor with clicking, cursor, scroll bar, word wrap, open/save, size, and undo/redo capabilities
- Implemented a version of Google Maps for the Berkeley area that used the A\* search algorithm to find efficient routes
- Built a robot that responds to 4 voice commands identified using PCA analysis and moves based on controls we created

## ACADEMIC ACHIEVEMENTS

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### Regents' and Chancellors' Scholar

- Awarded to academic top 2% of each incoming class

## RELEVANT COURSES

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The Structure and Interpretation of Computer Programs (CS61A)

Data Structures (CS61B)

Discrete Mathematics and Probability Theory (CS70)

Designing Information Devices and Systems I and II (EE16A and EE16B)

Physics for Scientists and Engineers (Physics 7A)