

# Rebecca Zeng

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|------------|---|---|
| Education  | <b>University of California, Berkeley - GPA 3.56</b><br><b>Computer Science B.A.</b><br>Relevant courses: Structure and Interpretation of Computer Programs, Linear Algebra I, Circuits I, Data Structures and Algorithms, Linear Algebra II, Circuits II, Introduction to Teaching Computer Science, Foundations of Data Science (in progress), Discrete Mathematics and Probability Theory (in progress)  | August 2017-<br>May 2021  |
| Experience | <b>CollegePrep.org - Technical Lead</b> <ul style="list-style-type: none"><li>Contributed in over 41 discussions on Machine Learning and UI/UX regarding the utilization of technology to promote educational equality</li><li>Utilized React JS in building registration pages and homepage</li><li>Addressed over 40 comments on code reviews and design document</li></ul> <b>Computer Science Department - Academic Intern</b> <ul style="list-style-type: none"><li>Tutored students taking a Python course for 67 hours throughout the spring semester</li><li>Tutored students taking a Data Structures &amp; Algorithms course for 42 hours throughout the summer semester</li><li>Assisted over 200 students in lab and office hours</li></ul>   | December 2017-<br>August 2018<br><br>January 2018-<br>August 2018           |
| Projects   | <b>Google CodeU, Mountain View, CA</b> <ul style="list-style-type: none"><li>Created a chat application for 139 participants using servlets and JSP</li><li>Developed communication between Google Cloud Datastore and front-end view for administration analysis page</li><li>Implemented editing messages feature using Java</li><li>Debugged and clarified code through code reviews</li></ul> <b>Feelsbot, Stanford, CA</b> <ul style="list-style-type: none"><li>Contributed to chatbot aiming to aid autistic individuals through providing information of how their emotions may be perceived</li><li>Integrated Google Cloud Vision API and webcam functionality to allow for facial and emotion detection and analysis</li><li>Developed the user interface using Pygram library and file management modules</li></ul> <b>Google Computer Science Summer Institute, Los Angeles, CA</b> <ul style="list-style-type: none"><li>Developed knowledge in web app development from Google engineers</li><li>Created over 8 small projects using Python, JavaScript, and HTML</li><li>Collaborated with 2 other partners in creating an application at <a href="https://project-pioneer.appspot.com">https://project-pioneer.appspot.com</a>; this website aims to provide information and resources for first-generation college students</li></ul> | May 2018-<br>August 2018<br><br>February 2018<br><br>July 2017              |
| Awards     | <b>CollegePoint Scholarship</b><br>Chosen as 1 of 30 recipients out of more than 2000 applicants for a renewable last-dollar scholarship<br><br><b>National Center for Women &amp; Information Technology</b><br>Certificate of Distinction<br>Change Leader Scholar<br><br><b>Rewriting the Code Fellow 2019</b><br>Year-long program for leadership and technical ability training  | August 2017-<br>August 2018<br><br>May 2018<br><br>August 2019-<br>May 2019 |
| Skills     | Python, Java, HTML, CSS, JavaScript, SQL, App Engine, Google APIs, IntelliJ, Git, React   |   |