

YIWEN (EWEN) DAI

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EDUCATION.....

University of California, Berkeley Berkeley, CA	Data Science B.A. and Statistics B.A. [Cumulative GPA: 3.51/4.00] <ul style="list-style-type: none">• Regents' and Chancellor's Scholarship (Top 2% of Accepted UC Berkeley Students)• Past Coursework: Multivariable Calculus, Linear Algebra, Numerical Analysis, Discrete Mathematics & Probability Theory, Computer Programs, Data Structures, Efficient Algorithms & Intractable Problems• Current Coursework: Introduction to Artificial Intelligence, Concepts in Computing with Data, Probability for Data Science, (Principles & Techniques of Data Science)• Expect to graduate in Dec, 2020	Fall 2017 - Present
Irvington High School Fremont, CA	Valedictorian, Class of 2017 [Weighted GPA: 4.46/4.00] <ul style="list-style-type: none">• National AP Scholar; AP Scholar with Distinction (2016, 2017)• AIME Qualification/Participation (2016, 2017)	Fall 2013 - Spring 2017

SELECTED PROJECTS.....

BearMaps (CS 61B)	<ul style="list-style-type: none">• Individual project implementing backend of a web server to provide an interactive map of Berkeley campus (Java)• Coded functions such as finding the shortest path by using A* search on a graph translated from locations and possible paths	Spring 2018
BYoG (CS 61B)	<ul style="list-style-type: none">• Partner project building a 2D tile-based game from scratch (Java)• Supports random world generation based on user-inputted seed• Limits screen display to tiles within player's line-of-sight	Spring 2018
Scheme Interpreter (CS 61A)	<ul style="list-style-type: none">• Partner project building a Scheme Interpreter (Python)• Contains some core functionality of Scheme and includes user-defined functions along with tail-recursion	Fall 2017

SELECTED ACTIVITIES.....

Website Co-Director Berkeley, CA	UC Berkeley Institute of Electrical and Electronic Engineers <ul style="list-style-type: none">• Led team of 5 web officers in improving the UC Berkeley IEEE website (React, Node.js)• Implemented new communication system, boosting productivity from 1 completed project per semester to 5 completed projects per semester Previously: Website Officer	Fall 2018 - Present Spring 2018
Web Development Committee Member Berkeley, CA	Regents' and Chancellor's Scholar Association (RCSA) <ul style="list-style-type: none">• Redesigned and updated Committees Page (HTML, CSS)• Supported Committee Coordinator by creating CSS Basics powerpoint and mentoring 8 new committee members	Fall 2017 - Present
Web Development Committee Member Berkeley, CA	Statistics Undergraduate Student Association (SUSA) <ul style="list-style-type: none">• Implemented search function to filter office hours calendar (JavaScript)• Produced comprehensive list of major requirements and classes to facilitate redesign of Statistics Course Map	Fall 2017 - Present

SKILLS.....

Programming Languages: Java, Python, Matlab, R, SQL, HTML, CSS, Javascript

Foreign Languages: Mandarin Chinese

Interests: Education, Tutoring, Violin, Music, Singing, Volleyball, Humanitarian/Non-Profit Work

Work Eligibility: Eligible to work in the U.S. with no restrictions