Leanna Yu

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EDUCATION

UC BERKELEY
BA in Computer Science
BA in Cognitive Science
Expected May 2020| Berkeley, CA
Cum. GPA: 3.43

LOWELL HIGH SCHOOL
Grad. May 2016| San Francisco, CA

LINKS

Github:// **leannayu**
LinkedIn:// **leannayu**
Quora:// **Leanna-Yu-1**

COURSEWORK

UNDERGRADUATE
Discrete Math and Probability Theory
Data Structures
Structure of Computer Programs
Information Devices and Systems
Web Design
Graphic Design
Linear Algebra + Differential Equations
Linguistic Science

SKILLS

PROGRAMMING
Python • Java • JavaScript
HTML • CSS
TOOLS
Git • JUnit • LaTeX
DESIGN
Illustrator • Photoshop • InDesign

EXTRACURRICULARS

Intramural Volleyball
Barista + Server at Ici Ice Cream
Urban Dance

AWARDS

AP National Scholar Award
Junior National Volleyball Champions
CIF State Volleyball Runner-Up

EXPERIENCE

SOCIETY OF WOMEN ENGINEERS | Web Development Team
September 2017 – Present | Berkeley, CA
- Regularly update website to reflect organization's current events with photos and blog posts.
- Maintain website layout and user interfaces by using standard HTML/CSS.

UC BERKELEY EECS DEPARTMENT | Academic Intern
August 2017 – December 2017 | Berkeley, CA
- Assisted students in weekly laboratory sections exploring in-depth conceptions in Python and Scheme.
- Helped students with homework, projects, and lecture material in office hours.

STANFORD UNIVERSITY, GIRL CODE | Participant
July 2016 | Stanford, CA
- Constructed animations, drawings, and interactive programs using JavaScript, implementing Object-Oriented Programming.
- Participated in industry forums concerning the deficiency of women in the tech industry.

BRONCOBOTICS | Robotics Instructor
September 2014 - May 2016 | San Francisco, CA
- Instructed elementary school students in an after-school robotics program class focused on building projects using Lego Mindstorm Robotics technology.

KUMON MATH AND READING CENTER | Teaching Assistant
August 2015 - August 2016 | San Francisco, CA
- Tutored high school students in mathematics in Algebra, Geometry, and Pre-Calculus.
- Designed individualized study plans focused on studying material before learning those topics in school.

PROJECTS

REDESIGN OF AZLYRICS | Front + Backend Development
February 2018 | Berkeley, CA
Inspired by the popular website AZLyrics, a song lyric database. Designed a sleek, modern, and usable user-interface using HTML + CSS. Used Python and MusicXMatch API to retrieve lyrics from thousands of various songs to recreate website. Intend to learn React to implement dynamic features and user-friendly interface.

GITLET (VERSION CONTROL SYSTEM)
June 2017 | Berkeley, CA
Designed a miniature version of Git, capable of adding and committing files. Utilized SHA1 codes as IDs for objects to allow quick retrieval of commits and copies of such files.

SOCIETIES

2018	National	Theta Tau Professional Engineering Fraternity
2018	National	Society of Women Engineers
2016	National	Rotary International