

# CLARA LEE

## Computer Science Undergraduate

✉ wclaralee@berkeley.edu    ☎ +1 858-997-3540    📍 Berkeley, CA    in linkedin.com/in/wclaralee

## EXPERIENCE

### Full Stack Software Engineering Intern

#### ViaSat Inc.

📅 MAY 2018 – AUGUST 2018    📍 Carlsbad, CA

- Developed a form editor as a module embedded into an existing ViaSat geospatial visualization tool in order to help internal users make better business decisions regarding global satellite licensing.
- Implemented a new database for the application using PostgreSQL and PGAdmin4, after gathering database design requirements from various stakeholders of the project in order to better organize and understand existing licenses.
- Created the user interface using Vue.js, HTML, CSS, and Bootstrap-Vue.

### Data Structures Lab Assistant

#### EECS Department at UC Berkeley

📅 AUGUST 2017 – MAY 2018    📍 Berkeley, CA

- Offered Data Structures students insight on coding practice and class content during lab sections and office hours on tasks such as homework, projects, and labs.

### Part Time Ice Cream Scooper

#### Ici Ice Cream

📅 MAY 2017 – JUNE 2018    📍 Berkeley, CA

- Serve customers by scooping them gourmet ice cream.

## PROJECTS

### Personal Website

<https://wclaralee.github.io>

📅 DEC 2017    📍 Berkeley, CA

- Developed a personal website in 2017 initially using just HTML and CSS in order to teach myself about frontend web development, an interest I wanted to explore.
- Transforming the website into a dynamic one using Vue.js; currently under construction

### Gitlet: Version Control System

#### Data Structures

📅 July 2017    📍 Berkeley, CA

- Programmed a simplified version control system using Java as a project during CS61B.
- Implemented a program could keep track of merge conflicts, deleted files, and changed files.

## EDUCATION

### Bachelor of Arts, Computer Science

#### University of California, Berkeley

📅 2016 – 2020

## COURSEWORK

- Data Structures
- Databases
- Efficient Algorithms
- AI
- Discrete Mathematics
- Probability Theory
- Linear Algebra
- Ruby on Rails
- UI/UX Design
- Multivariable Calculus
- Machine Structures

## SKILLS

- Java
- Python
- JavaScript
- HTML/CSS
- SQL
- Ruby on Rails
- English
- Korean
- German

## INVOLVEMENT

- 👥 **Theta Tau Professional Engineering Fraternity**  
Philanthropy Chair: Organize events for actives to participate in, with emphasis on STEM outreach, environmentalism, and helping homeless populations

- ⚙️ **Cal Climbing**  
Former Competitions Director: Organized the competition team's competition days

- 🌿 **Guayaki University Ambassador**  
Promote Guayaki's energy drink, Yerba Mate, while informing students about a healthy and sustainable lifestyle