

# Sydney Lim

## MSCS @ UCSB

Last update: October 7, 2022

Up-to-date version of CV is available at

<https://sydneylim.github.io/resume>

Location

Fremont, CA

LinkedIn

[Sydney Lim](#)

GitHub

[sydneylim](#)

Email

scqlim@gmail.com

|            |      |            |      |                       |      |                  |      |               |      |                   |      |
|------------|------|------------|------|-----------------------|------|------------------|------|---------------|------|-------------------|------|
| C          | •••• | C++        | •••• | Java                  | •••• | JavaScript       | •••• | Ruby on Rails | •••• | Verilog           | •••• |
| React      | •••• | Express    | •••• | Heroku                | •••• | OAuth            | •••• | MongoDB       | •••• | MySQL             | •••• |
| PostgreSQL | •••• | AWS Lambda | •••• | AWS Elastic Beanstalk | •••• | Apache Benchmark | •••• | GitHub        | •••• | Agile Development | •••• |
| Trello     | •••• | Eucalyptus | •••• | Jupyter Notebooks     | •••• | MATLAB           | •••• | Unix/Linux    | •••• |                   |      |

Fifth-year BSCE/MSCS student currently attending UC Santa Barbara. Aiming to leverage a proven knowledge of agile development, prototyping, product design, and R&D skills to land a software engineering internship.

## Professional Experience

Jun 2022 - Sep 2022

### Software Engineering Intern

- Worked closely with a small team on full-stack software development using Ruby on Rails and React.js.
- Practiced agile software development skills and consistently participated in pair programming, standups, retrospectives, and backlog refinement.

Ruby on Rails

Full Stack Development

Agile Software Development

React.js

RubyMine

Aug 2021 - Sep 2021

### Data Loss Prevention (DLP) Intern

- Worked on a data loss prevention project with a goal to pinpoint sources of and minimize internal threats.
- Implemented robotic process automation (RPA) script to automate data extraction in Python.
- Utilized Microsoft Power BI, Tableau, and SQL to compile, cleanse, analyze, and present the data.

Python

Microsoft Power BI

Tableau

SQL

Robotic Process Automation (RPA)

Jun 2019 - Sep 2019

### Summer Intern

- Designed a database in MySQL/PostgreSQL. Utilized Microsoft Power BI to cleanse a user database.
- Designed and presented a prototype UI for the database in a pre-production environment.
- Researched natural language processing and data warehouses (Amazon AWS, Microsoft Azure, Google BigQuery).

MySQL

PostgreSQL

Microsoft Power BI

Prototyping

Product Design

## Education

Expected Jun 2023

## UC Santa Barbara, Santa Barbara, CA

Master of Science in Computer Science

- GPA: 4.0/4.0
- Programs: 5-year B.S./M.S. Program in Computer Science
- Coursework in: Scalable Internet Services, Augmented Reality, Computer Graphics, Operating Systems, Runtime Systems
- Extracurricular Activities: Four Eyes Lab (Pursuing research in human-computer interaction, computer vision, and augmented reality), UCSB Badminton Club

Sep 2018 - Mar 2022

## UC Santa Barbara, Santa Barbara, CA

Bachelor of Science in Computer Engineering

- GPA: 3.7/4.0
- Programs: College of Engineering Honors Program, 5-year B.S./M.S Program in Computer Science
- Coursework in: Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Computer Vision, Digital Image Processing, Operating Systems, Network Computing, Advanced Applications Programming, Object-Oriented Design, Sensor and Peripheral Interface Design
- Extracurricular Activities: Co-Founder and Vice President of UCSB Badminton Club (4 years)

Aug 2014 - Jun 2018

## American High School, Fremont, CA

High School Diploma

- UC Weighted GPA: 4.50 (Uncapped), 4.14 (Capped)
- SAT I: 1560/1600
- SAT II Chemistry: 800/800
- SAT II Math L2: 800/800
- Relevant AP classes: AP Chemistry, AP Physics C, AP Biology, AP Calculus BC, AP Computer Science (in Java), and AP English Language and Composition