

# 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, prototype, 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