

# Larry Un

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## Education

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### University of California, Berkeley

07/2020 ~ Current

Bachelor of Arts, Major: Computer Science, Minor: Data Science

GPA: 3.68/4.00

**Relevant Coursework:** Data Structure & Algorithms • Discrete Mathematics and Probability • Artificial Intelligence • Advanced C++ • Assembly Language

## Awards & Scholarships

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### Awards:

- 2018 Macau Talent Award – Achievement Award – *granted to 12 applicants in 2018.*
- 12<sup>th</sup> place in 2018 ACM-ICPC Pacific Northwest Regional Contest
- 2<sup>nd</sup> place in 2017 WorldSkills (IT Network Systems Administration) - Macau Regional

### Scholarships:

- Macau Foundation Special Merit Scholarships – *granted to 55 students in Macau annually.*

## Skills

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**Languages:** C++ • C • Python3 • Java • JavaScript(ES6) • SQL • HTML5&CSS3

**Frameworks & Techs:** Django • Flask • Linux • MongoDB • Git • AWS • Docker • CCNA Routing & Switching

## Technical Experiences & Projects

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### CourseNotify || [coursenotify.com](https://coursenotify.com) || [GitHub](https://github.com)

Spring 2020

- Built an easy-to-use application with **Flask** + **MongoDB** and **Vue.js** that allows students at two community colleges to get notifications via email about course availability.
- Assisted **110+ students** to enroll in highly in-demand courses and sent out **500+ notifications**.
- Hosted on **Amazon Web Service** with **Docker** to allow for quick deployment and scalability.

### WiseBot

Spring 2017

- Developed an assignment auto-completion program with **Python** that complete online assignments automatically by retrieving answers from the assignment website database.
- Served **165+ students** with a web interface built with **Flask** and hosted on Raspberry Pi.

## Extracurricular Activities

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### Competitive Programming Team

April 2019 ~ April 2020

Vice President - De Anza College

- Lead club members and participated in 2018, 2019 ACM ICPC Northwest Region 2<sup>nd</sup> Division
- Organized weekly meetings and workshops to teach **algorithms**, **data structures**, shared **problem-solving techniques** to club members and held practice contest.

### Robotics Team

September 2016 ~ June 2018

- Designed, assembled, and programmed robots/machines with **CAD software** and **CNC machine** for robot competitions.
- Won 2<sup>nd</sup> place in 2017 Macau Electronic Device Construction competition with a machine that plays the puzzle game **Tower of Hanoi**.