

# Winson Luk

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## EDUCATION

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Jun 2020 **University of California, San Diego** San Diego, CA  
(Expected) Bachelor of Science in Computer Engineering

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## EXPERIENCE

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Jun – Sep 2019 **LinkedIn** Sunnyvale, CA  
*Software Engineering Intern*

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- b
- c

2018 – 2019 **Apple** Cupertino, CA  
*Software Engineering Intern*

- Developed a web application for the engineering validation of Apple prototypes, from June 2018 to March 2019.
- Responsible from concept to completion, including requirements, architecture, development, and deployment.
- Built a secured, RESTful system with Python, Redis, S3 object storage, and statistical analysis on the cloud.

Jun – Sep 2017 **Synopsys** Mountain View, CA  
*Software Engineering Intern*

- Developed software in Python to automate service management for the global IT operations of a S&P 500 company.
- Overhauled the existing automation system with an object-oriented approach that reduces API calls by 70%.

2013 – 2016 **Carlmont Technology Club** Belmont, CA  
*Founder and President*

- Founded a student-run technology organization that competed annually in the San Jose Tech Challenge.
- Supervised engineering operations of 30 students in 10 teams over 3 years, securing a total of 4 regional awards.

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## AWARDS

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Oct 2016 **San Diego Hacks 2016**  
*Winner, Twitch Moderation Challenge*

Aug 2014 **United States Congressional App Challenge**  
*1st Place, California's 14th Congressional District*

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## SOFTWARE PROJECTS

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2014 – 2018 **More ongoing projects at [winsonluk.com](http://winsonluk.com) and [github.com/winsonluk](https://github.com/winsonluk).**

**Alizon (Python)**, Google Chrome extension that identifies identical Amazon products with lower prices on AliExpress

**Dotino (JavaScript, Python)**, Web application that identifies local businesses which are highly recommended on social media

**Reffit (Python)**, Automated natural language product marketer that intelligently targets Reddit users

**R.o.b.o.t (Python)**, Conversational Twitch chatbot powered by real-time Reddit interactions on social media

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## SKILLS

### Languages

- Python
- JavaScript
- Java
- C++

### Tools

- UNIX
- Redis
- SQL
- Git

### Infrastructure (AWS)

- Elastic Compute Cloud (EC2)
- Simple Storage Service (S3)
- Route 53 Cloud DNS
- CloudFront CDN

Redwood City – California – United States

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