

# Andrew Musk

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## EDUCATION

### UCLA

COMPUTER SCIENCE WITH MINOR  
COGNITIVE SCIENCE  
Expected June 2020 | Cum. GPA: 3.6

### BEAULIEU COLLEGE

Grad. Nov 2015 | Valedictorian  
Midrand, South Africa | GPA: 4.4

## SKILLS

### PROGRAMMING

C++ • Java • Python • Node.js  
JavaScript • R • C • Verilog •  $\text{\LaTeX}$

### DEVELOPMENT

Linux • Git • Vim • SQL • Assembly

### FAMILIAR:

AWS • Heroku • Ruby • Spring

## COURSEWORK

### UNDERGRADUATE

Algorithms and Complexity  
Operating Systems  
Artificial Intelligence  
Data Structures Algorithms  
Machine Learning  
Neural Signal Processing

### PERSONAL

Program Management Foundations  
Data Science in R  
DevOps for Developers

## ACTIVITIES

HACKSA Hackathon: Co-Founder  
UCLA International Ambassador  
LAHACKS Sponsorship Manager  
UCLA Engineering Mentor  
Bruin Consulting: Senior Consultant  
Varsity Sports Captain: Soccer,  
Tennis, Cricket, Golf

## AWARDS

ASA Datafest Hackathon Winner  
UCLA William Sharpe Fellow  
South African National Exams:  
Top 1% Physics, Math, AP Math  
Duke of Edinburgh: Presidents Award

## EXPERIENCE

### ANDURIL INDUSTRIES | FULL STACK ENGINEERING INTERN

June 2019 – Sept 2019 | Irvine, CA

### LENDINGCLUB | SOFTWARE ENGINEERING INTERN

June 2018 – Aug 2018 | San Francisco, CA

- Worked within the Issuance and Cash Management team to restructure existing micro-service architecture, resulting in a 30 % time efficiency increase.
- Built an end-to-end test framework within the Borrower Application portal, specifically testing balance transfer feature

### IXPERIENCE | SOFTWARE DEVELOPER AND INTERNSHIP MANAGER

Jan 2016 - Aug 2016 | Cape Town, South Africa

- Built landing pages for various marketing campaigns.
- Coordinated and organized internships for over 300 students.

### TESLA | MODEL 3 LOGISTICS ASSISTANT

Sept 2018 | Burbank, CA

- Built system to match existing depot cars with Tesla direct customers
- Provided analytics and reports on existing delivery data to management

### BLOCKCHAIN AT UCLA | Co-FOUNDER

Aug 2017 – Present | Los Angeles, CA

- Oversaw growth of club to 200 members over 2 years
- Organized sold-out 500 attendee conference

## PROJECTS

### SEAT SNATCHER | PYTHON | FALL 2017

Wrote a python application that would notify users when spots opened up in classes at UCLA

### BITCOIN ARBITRAGE BOT | PYTHON | SUMMER 2017

Wrote a python script that would notify me of arbitrage opportunities on international exchanges. Generated \$15000 of profit over 3 months

### FEELMORE | PYTHON | JULY 2018

Built a Python application used to convert Apple Music playlists into Spotify or YouTube Playlists

### FLIGHT ORACLE | R | AUGUST 2016

Built a Shiny R application would predict the fluctuation in flight prices. Also included a flexible flight date comparison tool

### THE ORACLE | R | JULY 2016

Created a Twitter bot that would retweet the most popular tweets from influential twitter tech users each day

### CONNECT 4 | VERILOG | MAY 2018

Built a Connect 4 game using Verilog that could be played on an field programmable gate array (FPGA) using a VGA output

### SOCCER MANAGER | JAVA | SEPT 2015

Built a management app used by sports coaches at my high school for logging and monitoring team and player statistics