

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 • \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 | INCOMING 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