

Sean Miller

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EDUCATION

CEDAR RIDGE HIGH SCHOOL
DISTINGUISHED BILINGUAL DIPLOMA IN
COMPUTER SCIENCE
Sept. 2014 - June 2018 | Round Rock, TX

TEXAS A&M UNIVERSITY
PURSUING BS IN COMPUTER SCIENCE
AND MINOR IN CYBERSECURITY
August 2018 - Present | College Station, TX
GPA: 3.6 / 4.0

ACHIEVEMENTS

PERSONAL

- Promoted the standard for personalization applications in the Android community
- Have over **2.3 million** downloads on the Google Play Store
- Designed artwork currently used by influential content creators and small businesses

OTHER PROJECTS

1.1.1 Alpaca Stock Trading Bot

- Completely automated stock trading bot made with Q-learning, easily deploy-able on compute servers
- Made for the brokerage Alpaca.Markets
- Conducts sentiment analysis on news using Google's Natural Language API and Flair

1.1.2 Politistats

- Software Engineering Studio Project
- Web application to find your state level politicians and view statistics based on sentiment analysis of news and Twitter data over time

1.1.3 Alpaca Dashboard

- Android dashboard for Alpaca.Markets
- View live equity
- View your positions and orders
- View live stock data, with search functionality
- View account data and stats
- View news articles for your positions
- View historical data for stocks and portfolio
- Place a market order for any stock

EXPERIENCE

BEDEFINED FOUNDER/ DEVELOPER

2013 - 2018 | Round Rock, TX

- Created mobile applications for customers with over one million downloads
- Compiled international work to create simplistic applications for Android

FREELANCE GRAPHIC DESIGNER DESIGNER

2015 - 2019 | College Station, TX

- Designer of premium artwork for content creators, small businesses, and individuals with a focus on lettering art
- Design work completed in both individual and team efforts

SKILLS

PROGRAMMING

Over 5000 lines:

Java • Python • C/C++ • Android

Over 1000 lines:

Scheme • Kotlin • MySQL/PostgreSQL

Familiar:

HTML/CSS • x86/y86 Assembly • LaTeX • MongoDB

RELEVANT COURSEWORK

Software Engineering, Computer Systems, Computer Organization, Data Structures and Algorithms, Calculus 1-3, Linear Algebra, Database Programming, Design and Analysis of Algorithms, Programming Languages, Network Infrastructure, Artificial Intelligence, Parallel Computing, Problem Solving Design, Unix System Administration

PUBLICATIONS

UNICORN UTTERANCES

1.2.1 Virtual Memory Overview

- An overview of how operating systems give processes their own address space

1.2.2 Pointers and References in C/C++

- An overview of how pointers and references function in C/C++

LINKS

- Github: [tamuseanmiller](#)
- LinkedIn: [tamuseanmiller](#)
- Twitter: [@BeastoSean](#)
- Play Store: [beDefined](#)