

# Sean Miller

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## EDUCATION

### TEXAS A&M UNIVERSITY

BS IN COMPUTER SCIENCE

CYBERSECURITY MINOR

Aug. 2018 - Dec. 2021 | College Station, TX

GPA: 3.6 / 4.0

### CEDAR RIDGE HIGH SCHOOL

DISTINGUISHED BILINGUAL DIPLOMA IN

COMPUTER SCIENCE

Sept. 2014 - June 2018 | Round Rock, TX

## ACHIEVEMENTS

### PERSONAL

- Possess over **2.3 million** downloads on the Google Play Store
- Pioneered artwork currently used by influential content creators and small businesses
- Integrated Chromium-based embedded browser into AnyConnect with WebAuthn

### OTHER PROJECTS

#### 1.1.1 Alpaca Stock Trading Bot

- Wrote a completely automated stock trading bot made with Q-learning
- Conducted sentiment analysis on news using Google's Natural Language API and Flair
- Made for the API brokerage Alpaca.Markets

#### 1.1.2 Politistats

- Software Engineering Studio Project
- Created Python backend that performed statistical analysis of news and twitter data
- Web application to find your state level politicians and view statistics based on sentiment analysis of gathered data

#### 1.1.3 Alpaca Dashboard

- Created Android dashboard for the API brokerage Alpaca.Markets
- Wrote in Kotlin for better native/multi platform functionality
- Aided ability to hone skills with functional UI/UX design
- Contributed REST API experience
- Fully open-source project on Github

## EXPERIENCE

### CISCO SOFTWARE ENGINEER INTERN

Security Business Group

6/2021 - 9/2021 | Remote

- Worked on the AnyConnect team
- Developed and integrated new Windows embedded browser using WebView2
- Enhanced UX by adding WebAuthn into the embedded browser
- Redesigned AnyConnect Android app UI
- Collaborated in an Agile environment

### 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

### BEDEFINED FOUNDER/ DEVELOPER

2013 - 2018 | Round Rock, TX

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

## SKILLS

### PROGRAMMING

Proficient:

Java • Python • C/C++ • Android • Win32

Experienced:

Scheme • Kotlin • MySQL/PostgreSQL • OpenMP

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, Cloud Computing, Computer Graphics, Operating Systems

## LINKS

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