

BLAKE NATHANIEL NELSON

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EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science – Computer Engineering (Computer Science Track)
Overall GPA: 3.7

May 2019

- Research assistant in the Sketch Recognition Lab
- University Honors program
- Engineering Honors program
- Computer Science and Engineering track of the Engineering Honors program

Keller High School, Keller, Texas

June 2015

- Distinguished Achievement Graduate
 - AP Scholar with Distinction
- Overall GPA: 4.04

EXPERIENCE

Fidelity Investments, Westlake, Texas

May 2016 - August 2016

Technical Intern (40 hours / week)

- Developed and integrated features and bug fixes for the internal cloud-based infrastructure
- Utilized Agile and Git flow methodologies, as well as tools like Jenkins, Linux, Python, and unit testing.

Moviehouse and Eatery, Keller, Texas

March 2015 – August 2015

Food Runner (35 hours / week)

- Facilitated the delivery of food and drinks to customers.
- Expedited the ability of each movie screen to produce more showings.

CURRENT PROJECTS

Tweet the Forecast As A Gif (@TweetThe4cast)

May 2016 - Present

Personal project

- Utilizes the Twitter and OpenWeatherMap API's to create a Twitter Bot that tweets a gif related to the weather forecast for that day.
- Written using Python and running as cron task on a Raspberry Pi

Android Step Counter

April 2016

Sketch Recognition Lab

- Developing an accurate step counter for an Android device through the use of Android Studio and Java
- Eliminating false positives, but maintain the ability to detect steps at any location on the body.

ACTIVITIES

Freshman Reaching Excellence in Engineering (FREE)

September 2015 - May 2016

Member

- Freshman Leadership Organization created for the purpose of developing leadership and forming a community of freshman within the college of engineering.
- Communicated information regarding activities and events between other organizations.

Texas A&M Computing Society

September 2015 – Present

Member

- Local chapter of Association of Computing Machinery, providing meetings and computer related events.

Aggieland Saturday

February 2016

Volunteer

- Annual campus-wide open house for prospective students and their families.
- Assisted the Computer Science Department as a tour guide of labs and provided useful information to students.

SKILLS

Python (1 month)

Ubuntu Linux (7 months)

Java (2.5 years)

C/C++ (4 months)

MATLAB (3 months)

Microsoft Office (5 years)

American Karate (8 years, 2nd degree black belt)