

BLAKE NATHANIEL NELSON

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OBJECTIVE

Seeking opportunities to gain industrial experience as an intern for the summer of 2017.

TECHNICAL SUMMARY

Languages: Python, C++, Java, HTML/CSS, SQL
Operating Systems: Linux, Windows 7/8/10
Methodologies: Agile
Software Tools: MATLAB, Git Flow, JIRA, SourceTree, Stash

EDUCATION

Texas A&M University, College Station, Texas

Bachelor of Science – Computer Engineering (Computer Science Track), 3.7 GPA

- 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

2015 Distinguished Achievement Graduate, 4.04 GPA

- Varsity Basketball, 2015 Recipient of Matt White award for best representation of a student athlete

DEVELOPMENT EXPERIENCE

Fidelity Investments, Westlake, Texas

May 2016 – August 2016

Technical Intern (40 hours / week) for Cloud Computing Team

- Developed and integrated 11 features and bug fixes that were launched to the production environment
- Used Atlassian software suite to track and complete custom requests and issues using Agile

Tweet the Forecast As A Gif

May 2016 – Present

Personal project / @TweetThe4cast

- Utilized 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 job on a Raspberry Pi

Personal Website

August 2016 – Present

blake-n-nelson.com

- Written using HTML and CSS, while being hosted on an Amazon Web Services S3 Bucket
- Contains more descriptive project and contact information

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)

Sept 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 student chapter of Association of Computing Machinery
- Attended weekly meetings, presentations, and other computer related events.