

Jacob Stafford

jrstaff.github.io

jrstaff@tamu.edu | 512-797-6037

Seeking a full time position as a software engineer.

EDUCATION

TEXAS A&M UNIVERSITY

ENGINEERING HONORS
BS in Computer Science
Grad. May 2017
College Station, TX
Cum. GPA: 3.7 / 4.0
Major GPA: 3.8 / 4.0

COURSEWORK

UNDERGRADUATE

Programming Languages
Computer Architecture
Analysis of Algorithms
Data Science and Analytics
Medical Embedded Systems
Artificial Intelligence

GRADUATE

Human Centered Computing

SKILLS

PROGRAMMING

Proficient:

Java • C#

Experienced:

C • Javascript • \LaTeX • C++

ENVIRONMENTS

Visual Studio • Android Studio • Xamarin
• Windows/Linux • IIS • MySQL

FOREIGN LANGUAGE

Fluent:

German

EXPERIENCE

NCR | SOFTWARE ENGINEERING INTERN

January 2016 - Now

- Worked on an agile team to design an embedded Android software solution for a digital signage product
- Programmed API for our C# IIS server and Android Java endpoints using Protocol Buffers increasing object transfer by 40%
- Researched optimization for potential graphics libraries
Qt, XamarinCocoa#, LibGDX

EMPATH | CONSULTANT FOR NONPROFIT

May 2016 - August 2016

- Advised program director on technologies for expanding online presence and creating UI components
- Directed mobile direction for expanding accessibility and use of product as well as direction for employee mobile application

PROJECTS

CONTACT SHARE ANDROID APPLICATION | HACKTX

September 2015

- Developed better version of sharing contact information using wifi direct to share all users social contact information e.g. Facebook, twitter, phone number, picture
- Coordinated team of two for Android application and worked with iOS developer for connecting the devices correctly after hackathon.

ELECTRONIC LEGO KIT | UNDERGRADUATE PROFESSOR PROJECT

September 2015 - December 2015

- Proof of concept for making a circuit board on any Lego board by modeling a Lego to have a fit in electronic piece.
- Worked with Professor Dylan Shell in undergraduate research department
- CAD 3-D Printing and modeling

GERMAN LANGUAGE

GERMAN CLUB TREASURER AND EVENT COORDINATOR |

January 2013 – June 2014 | College Station, TX

- Elected position for Blinn College German Club
- Organized multiple fund-raising events to finance \$1200 for trip to Wurstfest in New Braunfels.

SCHOLARSHIPS AND HONORS

2015 CLEN Undergraduate DL Scholarship
2016 TAMU Engineering Honors
2016 Industrial Affiliate Program (IAP) scholarship