

EDUCATION

The University of Texas at Austin
Bachelor of Science, Computer Science

December 2014

WORK EXPERIENCE

General Motors – GDAT IT Tools & Architecture

Austin, TX

Software Developer

1/2015 – present

- Manage, optimize, and refactor existing and new ETL jobs by obtaining data from various internal sources (PPM, ASMS, and uCMDB) to run in less than half the original time, while tracking audit information for the Atlas tool used by 90% of GM IT
- Streamline transfer of deviation data from all Sharepoint sites into Atlas using DataStage
- Automate project cloning and data clearing for testers, business analysts, and project managers
- Reduce issues and assist with development to meet 100% of speed to market requirements

The Home Depot – Windows Server Team

Austin, TX

Windows Server System Engineer

5/2014 – 12/2014

- Reported on servers' health by monitoring operation manager, patching, and maintenance
- Developed an Active Directory status dashboard utilizing PowerShell and front end development
- Coordinated with team to update configuration patching for 150,000+ servers and workstations
- Performed migration for System Center Configuration Manager from 20% to 100% of all servers

University of Texas Information Technology Services Help Desk

Austin, TX

Help Desk Senior Consultant

8/2012 – 5/2014

- Supervised over 30 student consultant staff members in a high volume call center
- Maintained an average customer service level of 4.95/5 for Customer Satisfaction Index

PROJECTS

Android Application Development (*Java, Android Studio IDE*)

9/2014 – present

- **Tip Calculator:** Uses View objects such as buttons and inputs with Java to calculate tips
- **Twitter Searches:** Utilizes Intents to search Twitter for related Tweets
- **What Flag is That Game:** Manipulates use of activity fragments for different device orientations

Video Game Database Website (*Django, Heroku, SQL, Python, HTML, CSS, API*)

1/2014 – 5/2014

- Created a Django app with Python and Bootstrap displaying video game information
- Features include: searchable, 2048 video game version, open RESTful API, mobile ready

Network Security and Privacy Projects (*HTML, Javascript, C*)

1/2014 – 5/2014

- Exploited vulnerabilities in simulated environments including: CSS, XSRF, SQLi, Cookie/Password Theft, and instances of buffer overflows including a program utilizing malloc()

TECHNICAL SKILLS

Languages: Java, Python, C, HTML, CSS, JavaScript

INFOSEC Professional Certification

May 2014

Awarded by U.T. Austin on behalf of the Committee on National Security Systems for intensive coursework in cyber security and privacy