

# Jalyn Gilliam

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Looking to expand my knowledge of computer science and software development within an evolving company, while also utilizing my strong analytical and critical thinking skills.

## EDUCATION

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**Jan 2015 – Dec 2018**     **Bachelor of Science in Computer Science (GPA 3.2 / 4.0)**  
*University of Texas at Arlington*

## TECHNICAL SKILLS

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**Languages** Python, C++, SQL, HTML, CSS, C, Java

**Tools** Command Line, Visual Studio Code, MS Office Word, Excel, PowerPoint, Access, Outlook

**Operating Systems** Microsoft Windows, Mac OSX

**Version Control** Git, GitHub

## WORK EXPERIENCE

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**Aug 2015 – Present**     **Information Technology (IT) Student Assistant**  
*University of Texas at Arlington Police Department (UTAPD)*

- Provide on-site diagnosis and resolutions for computer hardware and software problems
- Oversaw and managed new UTAPD IT Student Assistants to ensure they follow proper department policy and standards
- Built a mobile bus tracking application in FileMaker to track and visualize rider habits
- Created a web application built in Python for campus-wide alarm testing

## PROJECTS

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**May 2018**     **JGilliam.com | Portfolio Website**

- Personal website developed as a summer project
- Utilized HTML and CSS
- Expanded my knowledge of cross platform compatibility

**April 2018**     **Escape Pod | Senior Capstone Project**

- Worked on a team to build prototype tabletop mobile escape room
- Responsible for developing a computer vision combination matching game in Python using the inputs from a Leap Motion hand tracking sensor
- Fully designed documentation and UML diagrams

**Jan 2017**     **Leapp | Android Application**

- Worked on a team to develop an event notification Android application
- Responsible for creating and managing the local SQL database for social events and users
- Expanded my knowledge of design patterns, agile processes, and version control

## COURSE WORK

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Algorithms & Data Structures (C)  
Object Oriented Programming (C++)  
Intro to Software Engineering (Java)  
Database System & File Structures (SQL)

Software Testing (Java)  
Computer Networks (Python)  
Information Security  
Software Project Management