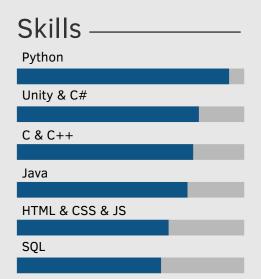
Sam Thomas

Programmer

About me -

Enthusiastic and passionate college student working towards a Bachelors of Science in Computer Science. Seeking an opportunity to use knowledge gained within the field, inside and outside the class room to help contribute to a future employer



Contact Info



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http://samthomasresume.me

https://github.com/cachecake404

https://www.linkedin.com/in/sam-thomas-27a781173/



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Education

Since 2017 Bachelor of Science in Computer Science UT Arlington

Currently enrolled as a Sophomore as of 2018. Expected to graduate

by Fall 2021

2013-2016 High school Jss PS

Studies was focused on Physics , Maths , Chemistry

and Computer Science.

Awards

2018-2018 Team leader of the best API and best VR/AR project at HackSMU. 2018-2018 Team leader of the best first project at the Hack UTA Hackathon.

2016-2021 Maverick Academic Scholarship.

2015-2015 Second place in Regional coding challenge in Dubai.

[Projects]

Games Two Snakes - Remake of the classic snake game with a twist. Using

the PyGame library made a two player snake game where you can

eat each other.

Balance Your Balls - Android Game published on Play Store. Using Unity made a game that uses the phones gyroscope to challenge

players to keep a ball on a virtual platform.

Dimensional Portal - Android Game published on Play Store. Used unity to make this teleportation game and implemented a shop

system and a online high score system using Dreamlo.

AI Genetic Algorithm Unity - Implemented a genetic algorithm from

scratch on Unity without the use of libraries to make bots learn to

stay on a platform while traveling the largest distance.

GUI Image Classifier - Using Python and the Keras library which

utilizes Tensorflow, made a image classifier that can be used via a

GUI and the GUI was made through the QT framework.

Databases Python SQL Interface - Made an interface that uses serialized python

objects saved using pickle to interact with a SQL DB.

Security RAT Tool - Using Python and the libraries:

socket,thread,cv2,pywin32,pyhook and os made a program that

allows me take pictures and log keystrokes of a user.

Websites Resume Page - Website made from scratch using HTML,CSS,JS for

my resume ,hosted using GitHub Pages

Dark Lord Answers - Prank website that replicates the famous

prank site Peter Answers made using HTML and JQuery.

Experience

2015-2016 IT Assistant JSS PS

Helped maintain and fix computers within my high school.

2017-2018 Team Member Rover Society

Helped our colleges rover team develop Bluetooth application that

talks with the Arduino.

Other information

Apart from programming I am well versed with using common tools such as the Microsoft office suite, Blender, TinkerCad and LaTeX. I am also familiar with and have used multiple distributions of Linux like Fedora, Ubuntu, Kali, Linux Mint.