



Sam Thomas

Programmer



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<http://samthomasresume.me>
<https://github.com/cachecake404>



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About me

I absolutely loved playing with gadgets and computers when I was young. I broke a lot of things and as a result I had to learn to fix them to avoid being scolded. This passion for computers that I had grew stronger with time and led me to learn a lot of things on my own that was outside of what was taught to me at school. I love to constantly learn and help others through what I have learned and I hope that I can be of service to others.

Skills

Python



Unity & C#



C & C++



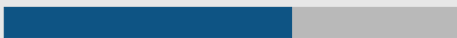
Java



HTML & CSS & JS



SQL



I am learning new skills everyday. The stats I present may change for the better hopefully!

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.

Projects

- Games Two Snakes - Remake of the classic snake game with a twist.
- Balance Your Balls - Android Game published on play store. Uses gyroscope to challenge players to keep a ball on a virtual platform.
- Dimensional Portal - Android Game published on play store. Implemented a shop system and a online high score system saved in database.
- AI Genetic Algorithm Unity - Genetic algorithm implementation on unity for visualization.
- GUI Image Classifier - Using keras and QT made a image classifier that can be used via a GUI
- Databases Python SQL Interface - Made an interface that uses serialized python objects saved using pickle to interact with a SQL DB.
- Security RAT Tool - Created a RAT from scratch with basic functionality.
- Websites Resume Page - Website made from scratch for my resume hosted using GitHub Pages
- Dark Lord Answers - Prank website that replicates the famous prank site Peter Answers.

Awards

- 2016-2021 Scholarship awarded by UTA based on academic performance.
- 2015-2015 Second place in Regional coding challenge in Dubai.

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 have used multiple distributions of Linux like Fedora,Ubuntu, Kali ,Linux Mint etc.
I am willing to constantly learn in order to contribute to an ongoing project that will benefit others.

Languages Proficient

- I am fluent in Malayalam and English.
- I am comfortable with Hindi.

Interests

Programming Games , Chess , Table Tennis , Badminton , Playing RTS Games.