Xien Thomas

AI/ DATA SCIENTIST

📍 Houston, TX

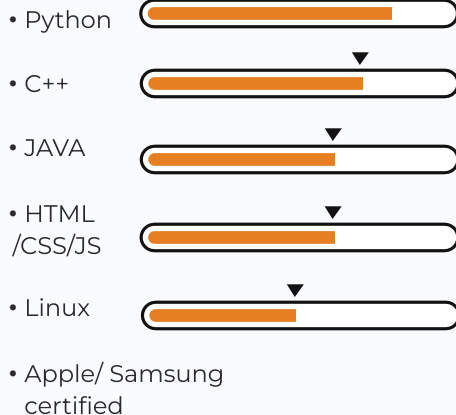in /in/xien-thomas

✉ xien.thomas@gmail.com

📞 (832) 725-0748

Work History

Present — **Best Buy Geek Squad - Houston, TX**

Advance Repair Agent

- Repair multiple electronic devices and protect the devices from viruses (Personal computers, Apple phones, and Samsung phones)

2016 - 2020 — **Texas A&M - College Station, TX**

Graduate Research Assistant

- Developed a system using Scikit Learn (Python) and image recognition to help Pediatricians recognize children's fine motor development for school readiness (86% accuracy)

- Collaborated with NASA to develop an inexpensive system (IoT) to accurately detect astronaut's comfort under a space suit. The system has a 8.9 degree error from the well known Vicon system.

- Cooperated with multiple professors to write NSF grants.

2016 - 2019 — **Texas A&M - College Station, TX**

Teaching Assistant

- Supervised and graded undergraduate's senior design projects
- Collaborated with Professors and Teaching Assistants to produce multiple learning labs and course work for undergraduates

2014 - 2014 — **NASA (MSFC) - Hunstville, AL**

Intern

- Refurbished an existing system to collect and construct raster files from satellite data to predict natural disasters, which results in a faster geographical updates in 3rd world countries

Hard Skills

- Python
- C++
- JAVA
- HTML /CSS/JS
- Linux
- Apple/ Samsung certified

Soft Skills

- Communication
- Creativity
- Adaptive
- Research
- Mentoring
- Cooperation
- Empathy
- Persistence

Education

2016 - 2020 — **Texas A&M University** - College Station, Texas
M.S. Computer Science
AI and ML specialist, Created a system that can recognize children sketches to support further applications, such as educational tools or child authentication

2012 - 2016 — **Texas Southern University** - Houston, Texas
B.S. Computer Science
Applied Computer Science