Tyler Harrison

Computer Information Systems Undergraduate

With the growing threat of cyber-attacks, I've dedicated my academic career to AI and cybersecurity so that I can gain the tools needed to aid in solving this problem. Cybersecurity, artificial intelligence, and automation are all ground-breaking technologies, with just as many threats as there are benefits. I'm currently researching methods to assist in combating future cyberattacks. Currently working on: BS in Computer Information Systems at Texas A&M - Commerce Context-aware AI research with Dr. Eman Hammad (iSTAR Labs) Knowledge graph-based approach to cyber-security threat evaluation Cyber-range development using exclusively open-source software

Contact

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Skills

Software Development	●●●●○ Very Good
Team-Based skills	●●●●● Excellent
Problem Solving	●●●●○ Very Good
Systems Analysis	●●●●○ Very Good

Work History

2018-06 - Current

HEB Partner
H-E-B

- (3 years 1 month +)
- Communicated effectively with customers to plan large or specialized orders, providing customers with recommendations, samples and response to particular requests.
- Promoted new or high-value food items by creating attractive displays in cases and other customer-facing areas.
- Responded to telephone inquiries regarding available products and services and helped customers make appropriate choices.
- Handled busy, fast-paced situations and agitated customers with relative ease while remaining professional and calm.
- Assisted employees and customers with safety and health requirements related to COVID-19.
- Continually improved knowledge, skills and performance based on feedback and self-identified professional developmental needs.

2017-06 - 2018-06

Sales Associate
Fulshear Ace Hardware

- (1 year 1 month) Maintain technology, organize spreadsheets and data, manage inventory, etc.

Software

VS Code	●●●●●	Excellent
IntelliJ Platforms	●●●●○	Very Good
Adobe Suite	●●●●○	Very Good
Microsoft Suite	●●●●○	Very Good
Autodesk Fusion 360	●●●●○	Very Good
Autodesk Inventor	●●●●○	Very Good
PrusaSlicer	●●●●●	Excellent

Languages

C++	●●●●○	Very Good
Python	●●●●●	Excellent
Java	●●●●○	Very Good
HTML/CSS /Javascript	●●●○○	Good

- Assist clients with issues utilizing training and experience.

2014-08 - 2018-05

Lead Programmer

Furious Falcons

- Former lead programmer for the Furious Falcons FIRST Robotics team.
- Trained new programmers to take over when I left.
- This consists of logic calculation, trig, algebra and basic mathematics, control structures, variables, custom libraries and interacting with the design team to program before the robot is created.
- The robots in the past that I have programmed from scratch have included advanced vision processing, co-processor interaction, custom PID loop control structures and basic autonomous tasks such as moving boxes and shooting balls into targets.
- Java, C and some C# (Unity) and C++ in the future

Education

2021-01 - 2023-05

Bachelor of Science - BS: Commerce, Computer and Information Systems Security/Information Assurance

Texas A&M University

2018-08 - 2021-05

Associate of Science - AS: Computer and Information Systems Security/Information

Blinn College

2014-01 - 2018-01

High School Diploma: Computer Science

Foster High School