

# CARTER E. PATTON

(817) 773-0039 • San Antonio, Texas • Pattoncarter@yahoo.com

## EDUCATION

### Texas A&M University College of Engineering

*Bachelor of Science in Computer Engineering*

*Minor in Cybersecurity*

**College Station, Texas**

*Cumulative GPA: 3.4/4.00*

*May 2024*

### Relevant Coursework and Knowledge

Advanced Python and C++ Programming, Discrete Mathematics, Differential Equations, Data Structures and Algorithms, Securities and Commodities Trading, Graphic Design, Office365 Suite, Losant Enterprise IoT Platform, Postman, REST APIs

## PROFESSIONAL EXPERIENCE

### Texas A&M University

*Cybersecurity Apprentice*

**San Antonio, TX**

*Fall 2021*

- Resolved complex issues relating to fraudulent login attempts, network policy abuses, lost or stolen data, and a plethora of other situations which required application of cybersecurity concepts and programs such as Wireshark, Splunk, etc...
- Handled and interacted with confidential user data in the process of detecting and tracing user-reported security threats.

### Ranchsense

*Software Engineering Intern*

**San Antonio, TX**

*Summer 2021*

- Configured, analyzed, and implemented multi-layered network systems using the LoRaWAN architecture.
- Developed and presented the front-end application that was showcased in our MVP presentation during funding stages.
- Coordinated with vendors, consultants, investors, and clients to develop a proof-of-concept and minimum viable product.

*Technology R&D Engineer*

*Summer 2022*

- Aided in early-stage development efforts for proprietary IoT-based device built specifically for in need customer use cases.
- Leveraged my engineering background and interpersonal skills to establish an internship and build strong connections within the booming Internet of Things field.
- Developed technical sales knowledge and instincts through day-to-day operations during my second summer at Ranchsense.

## LEADERSHIP & INVOLVEMENT

### LEGION Men's Organization

*Public Relations Executive*

**College Station, TX**

*2021-2022 Academic Year*

- Leveraged my creativity and business insight to roll out convincing and effective messaging to potential members on campus.
- Increased semester over semester revenue by 250+% for two consecutive semesters with an equivalent member base.
- Forged lasting relationships with outside organizations, sponsors, professors, industry contacts and speakers, and faculty.

*President*

*2022-2023 Academic Year*

- Lead a passionate and talented team of executives to create unique and engaging philanthropy, service, and social events which strengthened LEGION's reputation as a creative, innovative, and respected Men's Organization at Texas A&M.
- Coordinated with a multitude of organizations, speakers, and governing bodies to expand LEGION's reach beyond campus.

### TAMU FUSE

*Co-Founder and Executive Vice President*

**College Station, TX**

*February 2022 – Present*

- Co-founded and led Texas A&M's first and only FinTech club – Finance Using Software and Engineering or FUSE. Helped conceive and execute a lecture series, speaker series, project series, and inaugural recruitment cycle for FUSE.
- Educated members on a wide variety of software principles applied to finance such as API Usage, Python 101, technical and fundamental analysis of securities, financial data synthesis using Web scraping and the Pandas library, and more.
- Created promotional and educational materials for FUSE's first semester and thereafter. This included logo design, merchandise design, website design, industry relations, professorial relations, university relations, and recruitment.

### Computer Architecture Study Abroad

*Student*

**Swansea University, UK**

*Summer 2022*

- Completed courses in computer organization and advanced computer architecture while studying at Swansea University.
- Created life-long bonds with my peers and professors through an unforgettable and unique experience to live and learn abroad in the UK.

## ACTIVITIES & INTERESTS

**Activities:** Texas A&M Brazilian Jiu Jitsu Club, Aggie Investment Club, Breakaway Ministries, TAMU LEGION, TAMU FUSE.

**Interests:** Backpacking, Overlanding, Kayaking, Fishing, Hunting, Faith, International Travel, Personal Finance, Cybersecurity.