

# SEAN-MATTHEW AUJONG

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## EDUCATION

**The University of Texas at Austin**, Austin, TX  
*Bachelor of Science in Computer Science*  
GPA: 3.96/4.00

Expected Graduation: 05/2023

### Relevant Coursework

Software Engineering; Competitive Programming; Operating Systems; Computer Architecture; Data Structures and Algorithms

## EXPERIENCE <https://www.cs.utexas.edu/~aujong/>

**Software Engineer Intern at Paycom**, Oklahoma City, OK 05/2021 – 08/2021

- Developed a native **Kotlin Android** mobile application used for internal communication amongst internal employees
- Implemented push notifications and widgets through **Android Jetpack** and **Gradle**
- Supported CRUD through a **Node.js server**, **MongoDB**, **Gson**, **Socket.IO**, and **Retrofit API**
- Documented with internal VCS, **Swagger API**, and **Dokka**, presented to CIO

**Software Engineer Intern at Catalyst Consulting Group**, Chicago, IL 05/2020 – 08/2020

- Developed software for various public sector clients in the Chicago area
- Merged survey databases together through **.NET** web services
- Designed a build process through **Microsoft Azure** and **Maven**

**Trend Micro Cybersecurity Inventors Program**, Austin, TX 10/2019 – 05/2020

- Worked with **cybersecurity** company **Trend Micro** on improving detection protocol at **Dell Medical School**
- Processed **pcap** files through the **Wireshark** API to detect **IoT devices** within network traffic
- Won **first place** overall in the **LeapHacks Hackathon**

## PROJECTS

**Adopt-A-Pet** | <https://www.adoptapet.me/> and <https://gitlab.com/10am-group-8/adopt-a-pet> 09/2021 – 12/2021

- Full-stack **React** web application with **Flask** and **PostgreSQL** backend bringing compassionate pet lovers together with adoptable pets
- **Dockerized**, hosted on **AWS Amplify/Elastic Beanstalk/RDS**, **GitLab Pipelines** CI/CD, **Jest/Selenium/unittest/Postman** unit tests, **PlantUML** diagram

**OpenPyXL Auditor** | *Automated Company Auditing Process* 05/2019 – 08/2019

- Automated monthly financial audits for a television network company
- Streamlined a 2-hour process into 20 minutes
- Filtered raw data in **Microsoft Excel** through a **Python** script using the **openpyxl** library

## ACTIVITIES & LEADERSHIP

**Computer Science Roadshow**, Austin, TX 08/2019 – Present

### Roadshow Recruiter

- Working in a team of UTCS students, reaching out to local K-12 classrooms in generating excitement for computer science
- Preparing and presenting logic puzzles, cutting-edge CS technology, and real-world applications of CS

**Feed Your Mind**, Austin, TX 08/2019 – Present

### Largest Non-Profit Event at UT Austin

- Focused on offloading student stress during finals week by providing free food as well as creating a relaxing environment
- Attracts over six-hundred students each semester while promoting connections between companies and students

## SKILLS

**Languages:** Kotlin (Android); Java; Python; Lua; JavaScript

**Honors:** LeapHacks Hackathon – 1<sup>st</sup> Place; TISCA Academic All-State Swim Team