

# Taylor Pham

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## EDUCATION

### Texas A&M University

**Dec. 2022**

*Bachelors of Science in Computer Science | Minor in Game Design and Development*

*College Station, TX*

- 3.6/4.0 GPA

## WORK EXPERIENCE

### IBM

**May 2022 – Aug. 2022**

*Front-End Developer Intern*

*Austin, TX*

- Developed user interface and RESTful services for retail theft insights web application meant to track organized crime and improve asset protection, theft, aggravated crime, and fraud management of retail institutions.
- Built-out branded login and API handlers for authentication and security process using Typescript, Next, Express, Node, IBM Carbon Design.
- Worked with Cypress and Python integration testing frameworks utilizing IBM cloud to streamline onboarding retailers.

### Texas A&M Human Factors and Cognitive Systems Lab

**May 2021 – Mar. 2022**

*Undergraduate Research Assistant*

*College Station, TX*

- Aided in studies in emotional elicitation through virtual reality and emotion's emphasis on split-decision making.
- Programmed in OpenFace, a facial behavior analysis toolkit using computer vision and machine learning to perform facial recognition, and micro expression research.
- Developed an android app to aid in research data collection and participation studies.

### Foxconn Industrial Internet

**May 2021 – Aug. 2021**

*Software Engineer Intern*

*Houston, TX*

- Developed Java programs to perform data mining and automate log file creation of Bill of Material (BOM) data for prototype HPE ProLiant servers and motherboards.
- Programmed Verilog codes for Lattice MachX03L-6900 (6.9K LUTs Complex Programmable Logic Device) to provide diagnostic LEDs for HPE BL460 Gen10 system booting status, and test benching.
- Rewrote and optimized outdated and unfinished Python programs for file and database manipulation using SQL.

### College of Engineering, Texas A&M

**Aug. 2019 – Dec. 2020**

*Engineering Undergraduate Peer Teacher*

*College Station, TX*

- Instructed hundred course student sections for introductory Python data structures and algorithms.
- Provided in-class support and managed out-of-class office hours in-person for 10 hours weekly.

## LEADERSHIP

### Department of Multicultural Services, Texas A&M

**Sept. 2019 – May 2020**

*Director of LEAD Media Committee*

*College Station, TX*

- LEAD is a one-day conference that advocates for the Asian Pacific Islander Desi American (APIDA) community, and gives the opportunity for APIDA students to enhance and foster their identity growth and leadership development.
- Created digital graphics, fliers, and designs for LEAD and its leadership conference.

## PROJECTS

### Food Localization Web Application

**Aug. 2020 - Dec. 2020**

- Web application aiming to reduce food waste by connecting those with surplus food to those in need or want of free food and cost reduced groceries.
- Developed user interface and RESTful services using React, PostgreSQL, Mapbox, Heroku, Python, and JavaScript.

## SKILLS & INTERESTS

### Technical Skills

- **Computer Languages:** Python, C++, Java, Ruby, HTML/CSS, JavaScript, TypeScript, React/Next.js, Kotlin
- **Software/OSes:** Ubuntu Linux, Docker, Cypress, REST APIs, VirtualBox, Visual Studio, Microsoft Office

### Interests

- Digital Design, UX/UI, Web/App Development, Painting