

Christopher Tran

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OBJECTIVE

To further my knowledge of the field of computer science through an internship opportunity.

EDUCATION

Texas A&M University — College Station, TX

2018-2022

- Major: Computer Science — Minor: Business
- Classification: Senior
- GPA: 3.947 — Credits: 93
- Relevant Courses: Data Structures & Algorithms, Computer Organization, Programming Languages, Discrete Structures

WORK EXPERIENCE

L3Harris Technologies - Software Engineer Co-op

July 2020 - December 2020

- Participated in Reconnaissance Mission Systems under the Controller Products team which operated under Agile Development Engineering
- **Obtained final secret security clearance**
- Completed internal research and development projects such as integration of the OPUS voice codec into an existing legacy audio processing system. This project was completed using C++.
- Developed for command and control software of digital receivers. This included development of an RTP receiver/streamer as well as feature addition, unit testing, and integration.
- Created scripts to automate processes such as the one to "package inventory" RPM packages installed for the software within the team. Project consisted of both bash and python scripting.
- Created finite state machine using python to interact with an asterisk server and serve as a SIP Client between users to facilitate VOIP capabilities.

SKILLS & RELATED ITEMS

Skills: C++(very familiar), Python(familiar), Java(familiar), HTML5(limited), CSS(limited), JavaScript(limited), SQL(limited), Word, Excel, LaTeX, Vietnamese (Fluent)

Hackathons/Related Events: NVIDIA Deep Learning Workshop (Sept. 2019), TAMU Datathon (Oct. 2019), HackTX (Nov. 2019), TAMUHack (Jan. 2020 - UAccess Web App)

Completed Projects: Acquire (Board game coded in Java from scratch with visuals), Playlist (Mock Spotify coded in C++ and Visual C++), (Script to scrape for Climbing Gym occupancy info using Python)

WIP: Personal Website (people.tamu.edu/(tilde)tchristopher457/), Mobile Application for AggieLand Saturday (JavaScript, HTML, CSS, Firestore), Skincare Routine Builder WebApp (Javascript, HTML, CSS, MongoDB)

LEADERSHIP & COMMUNITY INVOLVEMENT

Engineering Ambassador

2019 - Current

- Selected as one of the 23 engineering ambassadors for the 2019-2020 academic year.
- Participated in activities that facilitate the recruitment of new Aggies to the college of engineering.
- Participated in outreach and making known the benefits and opportunities within the college of engineering.
- Planned AggieLand Saturday, the largest open house event at A&M.
- Lead prospective/future student visit in the Zachry engineering building.

Filipino Student Association (PHILSA)

2018-Current

- Participated in cultural awareness events where members were tasked with spreading and educating the student body about cultural practices and foods from the Philippines.
- Participated in "Big Event", a university wide all day volunteer event meant to give back those in the Bryan College Station area.

ADDITIONAL INFORMATION

Interests: Rock Climbing

Community Service: Aggie Dance Marathon, Adopt a Highway, Shackathon (Aggie Habitat for Humanity), Big Event, Build Day (Building for Aggie Habitat for Humanity), Aggie Land Saturday