

# Chris Peter Francis

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## WORK EXPERIENCE

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### The Options Clearing Corporation

May 2021 – Present

*Technology Operations Intern*

*Dallas, TX*

- Assist in the governance and management of the Configuration Management Database.
- Participate in the governance and management of discovery scanning of the IT assets on premise and cloud.
- Assist in the governance and management of IT Asset Management, including the End-of-Life software program.

### Texas A&M High Performance Research Computing

May 2021 – Present

*Student Research Assistant*

*College Station, TX*

- Developed curriculum and teaching material for computing summer camp programs at Texas A&M University.
- Rapidly develop websites, applications, and presentations according to camp director requirements.
- Oversee delivery of content with other camp staff and manage camp administration.

### Bush School of Government and Public Service

May 2020 – May 2021

*IT / Student Technician*

*College Station, TX*

- Analyze, troubleshoot, and repair issues related to computers in a mixed operating system environment for over 100 end-users.
- Customize, test, deploy and document over 80 software installation packages.
- Image nearly 300 computers utilizing computer deployment tools following specified procedures.

## EDUCATION

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### Texas A&M University

August 2018 – December 2022

*B.S. Technology Management; Minors in Cybersecurity and Business Administration*

*College Station, TX*

- GPA: 3.45/4.0; Major GPA 4.0/4.0
- Association of Information Technology Professionals; Cybersecurity Club; DevOps Workshop Leader; Texas A&M Datathon; Chi Psi Beta Service Fraternity; The Big Event

## SKILLS, CERTIFICATIONS & INTERESTS

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- **Skills:** Python; Lua; Java; C and C++; HTML, CSS and JavaScript; Windows Administration; Unix/Linux Administration; Unix Command Line; ServiceNow ITAM, CMDB, and Discovery; AWS EC2 Configuration and Management; Docker;
- **Interests:** Parks and Rec.; Electric Car News; Cloud News and Tools; App Development; Tennis; Mangos; Sustainability Engineering and Conservation; Space Exploration News; Kurzgesagt

## PROJECTS

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- **Response-API:** Python, Flask, RESTful API, Docker, Redis, GitHub Actions, Jenkins, Git, GitHub
  - Developed RESTful API that returns endpoints such as /slack-message/, /is-prime/, /factorial/.
  - Containerized application, implementing CI/CD with both Jenkins and GitHub Actions.
  - Implemented CRUD service by integrating Redis container with container networking.
  - Deployed on EC2 instance to deliver application with Docker-Compose and configured networking for public availability.
- **Kaplan-Automate:** Python, Selenium, BeautifulSoup, Web Parsing, Git, GitHub
  - Developed web-scraping application to receive information and fill out forms online.
  - Raised \$6000 for Mental Health Awareness.