



OBJECTIVE

To advance my career with a leading organization that will utilize my extensive computer science knowledge while also allowing me to develop further as a professional

Proven talent for aligning industry strategy and objectives with established and emerging computer science paradigms to achieve maximum operational impacts with minimum resource expenditures. Results-focused thought leader who champions innovative solutions to drive continuous improvement, mitigate project risks, analyze data, and provide key insights to inform strategic plans. Exceptionally dedicated professional with keen interpersonal, communication, and organizational skills for the modern technological landscape.

CORE COMPETENCIES

- Tech Tools & Solutions
- Team & Project Collaboration
- Business Automation & Workflows
- Interactive Web Applications
- Software Design
- Data Analytics

PROFESSIONAL EXPERIENCE

TIGERMED, SHANGHAI, CHINA, MAY 2021 – AUGUST 2021

IT INTERN

Key Responsibilities & Achievements

- Excelled in the leveraging of technologies such as Vue and Docker to craft workflow web applications that successfully automate vital business processes.
- Designed a workflow progress monitor via the Microsoft Power Automate platform in order to audit employee efficiency.
- Responsible for drastically reducing repetitive work by creating workflow tools on demand.

PROJECTS

SOFTWARE DESIGN METHODS CAPSTONE PROJECT

- Spearheaded the front-end design of "Cartography", a sponsored project that connected its users by allowing them to enter familial migration history and view the collection of these paths on a map.
- Utilized both React and Firebase to devise a highly-customized project according to sponsor demands.

EDUCATION AND CREDENTIALS

COMPUTER SCIENCE, IN PROGRESS

Pennsylvania State University, University Park, PA

Anticipated Graduation Date: May 2022

Relevant Coursework: Communications Networks, Data Structures & Algorithms, Software Design Methods, Object Oriented Programming with Web-Based Applications

Activities: Learning Assistant for Calculus and Physics classes

TECHNICAL SKILLS

- C/C++/React/JavaScript
- Microsoft Power Platform
- UI/Graphic Design
- Version Control

ADDITIONAL INFORMATION

Languages: English, Chinese, Japanese

Website: <https://github.com/tpy5064> (GitHub)