Jongyong Park

(520) 312-6342 ◉ College Station, TX ◉ pjy4183@tamu.edu ◉ https://www.linkedin.com/in/jongyong-park

EDUCATION

Bachelor of Science in Computer Science, Minor in Cybersecurity   **May 2022**
Texas A&M University   *College Station, TX*
Major GPA: 4.0, Cumulative GPA: 3.8

PROJECT & RESEARCH

Aggie Challenge Research   **College Station, TX**
Team: Low-cost Motion Capture System using Smartphone   *Aug 2019 – Oct 2020*
- Won 1st Place of overall non-capstone awards in 2019 TAMU Engineering Virtual Project Showcase
- Improved extracting data efficiency 15% by re-designing data structure and optimizing complicated regular expression
- Designed and built the motion capture system and modelled 3D animation using OpenCV in Python and Matlab

Personal/Course Project   *Aug 2019 – Dec 2020*
- Collaborated with 5 team members and developed GUI-based database client and a database analytics platform in MySQL and Java using a large SQL database
- Developed google cloud service (G-Suites) add-on that creates an itinerary containing the user-inputted data in a map based easy-to-read format in google document

EXPERIENCE

Datathon, Texas A&M University   *October 2020*
- Programed United States City search web application implementing machine learning in python using big data API
- Created data visualization using Streamlit and plotly to display scatterplot and dashboard

TamuHack, Texas A&M University   *January 2020*
- Developed Practical "Report-A-Fire" webpage in JavaScript and Go language that uses crowdsourced data from users and SNS
- Analyzed and scrubbed big dataset using python libraries to determine suitability for use in the web application

KATUSA(Korean Augmentation to the U.S. Army)   **Camp Humphreys, South Korea**
Senior Katusa   *July 2017 – Apr 2019*
- Served as a supply clerk responsible for weapons, chemical gears, rooms, and tactical vehicle
- Implemented professional development plans in collaboration with peers to manage 50 fellow KATUSAs to help them successfully adjust and complete duties

Utility De Mexico SA DE CV   **Queretaro, Mexico**
Assistant Staff   *Summer 2017*
- Assisted with a wide variety of administrative duties and supported team with analyzing and visualizing the data information
- Established spatial database of employee management information for ease of data updating and processing

LEADERSHIP & INVOLVEMENT

Corps of Cadets, Texas A&M University   **College Station, TX**
Inspector General Sergeant   *Jan 2017 – Present*
- Organize, administer, and oversee the various policies concerning and regulating the military bearing of the Corps as a cohesive, unified outfit.
- Lead, mentor, and collaborate with cadets to help each other learn, practice, and develop critical leadership skills

Korean-American Scientists and Engineers Association   **College Station, TX**
Club Assistant, Outreach Director   *Aug 2017 – May 2019*
- Coordinate with President and Vice President to encourage students to associate and communicate each other
- Promoted and advocated the application of science and technology for the general welfare of society
- Collaborated with Korean companies in hosting workshops to advance of professional growth

SKILLS & CORE TECHNOLOGIES

Languages: Korean (native); English (fluent); Chinese(fluent); Spanish(novice)
Software: Proficient in Python, C++, C, MATLAB, MS Office, JavaScript, MySQL
Software: Familiar with JAVA, node.js, Git, Dart