LI CHUNG YANG (ANDY)

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EDUCATION

Purdue University   *May 2024 (Expected)*
Major in Computer Engineering
Minor in Mathematics
GPA: 3.51/4.0

TECHNICAL STRENGTHS

Programming   Python, C, JavaScript, react JS, Linux, Verilog, ARM assembly, MATLAB

RELATIVE COURSES

ECE 26400 Advanced C Programming, ECE 36800 Data StructuresData,
ECE 20875 Python For Data Science, ECE 40400 Intro To Computer Security

PROJECTS

Students' Performance Project

· Apply different theories from data science such as KMeans or Gaussian Mixture Models in python to predict students' performance based on their watching behavior by modeling.

Natural Catalysts Project

· Used Matlab to conduct experiments and collect data to help the company analyze which enzymes work better in different conditions for detergents.

CoGo Bike Project

· Performing the skills of Excel to collect and analyze data by building grpahs and other visualizations from the CoGo Bike to help the company to improve bicycle comfort and marketing strategy.

ACTIVITIES AND CLUBS

Purdue Aerial Robotics Team

· Collaborated with 70+ students with different majors to design a fully autonomous unmanned aerial system (UAS) to compete in the Student Unmanned Aerial Systems Competition (SUAS).
· Research and find the most suitable combination of antennas and radio techniques, testing the streaming communication between client and server with TCP and IP data using iperf3.

Vertically Integrated Projects Sigstore (Project Rekor) Team

· Learn the knowledge about Cyber Security, develop new Cryptographic signatures, and validate software supply chain security policies on the Sigstore transparency log.

Model United Nations Educator

· Taught members how to debate and helped them understand the international situations and global visions.

HONORS AND AWARDS

Academic Excellence Award - School	June 2018
Senior Saigon Math Competition - Code Breaker Winner	August 2018
Purdue Engineering Dean's List and Semester Honors - School	August 2021