Yang Lin

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Education

Pennsylvania State University — State College, PA *May 2021*

Bachelor of Science in Computer Science *GPA: 3.52*

Minors in Cybersecurity Computational Foundations and Mathematics

- ❖ **Relevant Coursework**: Computer Organization and Design, Wireless Security, Numerical Analysis, Systems Programming, Programming Language Concepts, Computer and Network Security, Linear Programs, Data Structures and Algorithms

Hudson Valley Community College — Troy, NY *May 2017*

Clean Technology Early College High School Diploma *GPA: 4.0*

Awards

HackPSU Geico Weather API Challenge Winner (Weather Gecko) *Nov 2019*

- ❖ Created a GUI that displays scores for outdoor activities that could affect assets under Geico insurance coverages based on the weather in certain locations
- ❖ Made using a GlassFish Server and AccuWeather APIs

HackPSU Best IoT Hack (Package Buddy) *Mar 2019*

- ❖ Created a way to track the conditions of packages in transit and inform customers and carriers for potential damages
- ❖ Made using an accelerometer connected to a Qualcomm Dragonboard 410c

HackPSU Best Amazon Alexa Hack (Spelling Bee) *Apr 2018*

- ❖ Created an interactive spelling bee Amazon Alexa skill to help children learn words
- ❖ Made using Alexa Skills Kit and AWS Lambda

Experience

HackPSU — State College, PA *Jan 2021 – May 2021*

Logistics Organizer

- ❖ Created and managed a Discord server to host the virtual HackPSU Spring 2021 event
- ❖ Assisted in solving technical issues with devices and program installations

Pennsylvania State University — State College, PA *June 2019 – Sept 2019*

Summer Guest Representative

- ❖ Provided technical troubleshooting for students and guests
- ❖ Managed the processing of incoming and outgoing mail and packages
- ❖ Aided with conference check-in and check-out processing

FIRST Robotics Team 3044 — Ballston Spa, NY *Sept 2014 – June 2017*

Team Captain & Programming Team Leader

- ❖ Managed a design schedule for a team of 50+ members and technical mentors
- ❖ Supervised the training of new members of different subteams
- ❖ Presented to GlobalFoundries on the values of FIRST Robotics

Skills

Coding: Java, Python, C, HTML, CSS, SQL, Linux, MATLAB

Mathematics: Numerical Analysis, Math Theory of Games, Probability Theory, Linear Programs

Technology: AutoDesk Inventor, SolidWorks, Microsoft Office Suite, VMWare, Windows OS

Language: Trilingual – Fluent in English and Mandarin, and basics in Spanish