Hao Yuan (Frankie)

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SUMMARY

A highly motivated and planful undergraduate with excellent academic record, leadership experience, entrepreneurial spirit, and passion for Artifical IntIntelligence and Data Science

EDUCATION

University of Illinois at Urbana-Champaign   *May 2021*
Pre-Engineering   *GPA: 3.92 / 4.00*
- Honors: James Scholar; Dean's List (All semesters)
- Relevant Coursework: Discrete Structures (CS173); Data Structures (CS225); Honors Course for Data Structures(CS296); Computer Architecture(CS233); Numerical Methods(CS357); Calculus I, II & III

COMPUTER SCIENCE EXPERIENCE

iDFlakies: Research on Flaky Tests   *Feb 2019 - Present*
Research Assistant   *Urbana, IL*
- work with Ph.D. researchers to build a black-box testing framework for detecting and classifying flaky tests
- develop a function to remove failing tests in the original order for extending the compatibility of the framework
- characteristics study on the relationship between test running time and flaky tests for pinpointing the root causes
- github.com/idflakies/iDFlakies

HXT Semiconductor Technology Co., Ltd.   *Jun 2018 - Aug 2018*
Software Testing Engineer Intern   *Beijing, China*
- Developed automated test cases to check CPU status and performance of servers with Shell Script
- Constructed an automated tool to retrieve and analyze benchmark data
- Executed test cases and identified potential bugs for new servers reception
- Maintained the testing lab and prepared the testing environment for other team members

Special Interest Group for Artificial Intelligence at Association for Computing   *Jan 2018 - Dec 2018*
Machinery (UIUC-ACM-SIGAI)
Member   *Urbana, IL*
- Attended the weekly workshop to learn basic concepts such as Neural Networks and Image Recognition
- Assessed and compared recent researches on AI

LEADERSHIP EXPERIENCE

Leadership Certificate   *Oct 2017 - Present*
Participant (In Progress)   *Urbana, IL*
- Develop and practice leadership skills via a series of activities including workshops, mentor meetings, and non-classroom team experiences
- Create Personal Development Plan with the emphasis on career goals and desired skills

The Chinese Students and Scholars Association at University of Illinois Urbana-   *Sep 2017 - Present*
Champaign (UIUC-CSSA)
Vice Minister at the Department of Student's Affairs   *Champaign, IL*
- Lead a series of events to help new international students familiarize with college life; create 5 introduction videos, two 100-page handbooks, and pre-arrival orientations in 15 cities in China
- Organize a Chinese Food and Game Theme 1-day Event; sold 400+ tickets; $3500+ revenue
- Win Yearly Outstanding Contribution Award

ENTREPRENEUR EXPERIENCE

Champaign Photography Club   *Sep 2017 - Present*
Coordinator   *Champaign, IL*
- Cooperate with merchants for photography advertisement; earned $5000+
- Facilitate 5 free photo shoot sessions open to the public
- Hold monthly photography workshop

FVPN - Virtual Private Network Service   *May 2018 - Jan 2019*
Founder   *Beijing, China*
- Provided fast and affordable VPN Service to international students; 300+ users

Pea Band - Conceptual Wearable Device   *Dec 2015 - Feb 2017*
Founder/Team Leader   *Beijing, China*
- Defined creative multi-function product spec.
- Delivered 3D prototype, product presentation, and video
- Advanced semi-final of a global business competition held by University of Delaware with $2000 bonus
- Were invited to participate Youth Entrepreneurship Summit

SKILLS

- **Technical:** Python(intermediate), Java(intermediate), C++(intermediate), Shell Script(intermediate), Search Engine Optimization(basic)
- **Software:** Word(advanced), PowerPoint(advanced), Excel(intermediate), Photoshop(advanced), Lightroom(advanced), Premiere(intermediate)
- **Languages:** English (Fluent), Chinese (Native)