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Further Information Available Upon Request

PROFESSIONAL SUMMARY

As a proactive and innovative individual, I am deeply passionate about utilizing technology to drive meaningful change. With a background in project management, data analysis, and programming, I thrive to leading impactful initiatives that make a difference. My strong communication skills and collaborative approach enable me to effectively navigate challenges and achieve success in dynamic environments. I am committed to continuous learning and growth, eager to contribute my skills and expertise to drive positive impact in the community.

CERTIFICATES AND AWARDS

Amazon Future Engineer <i>amazonfutureengineer.com.</i>	April 2025
Finalist Award <i>International Mathematics Modelling Competition 2022 (Int round)</i>	April 2022
The Most Influencing Students SES 2022 with 2000 cny scholarship(10/4200) <i>SES</i>	June 2021
Finalist Award <i>Shanghai Joint Mathematic Modelling Competition</i>	May 2019

TECHNICAL SKILLS

Languages : Python, C++, Latex

Adobe : Premiere Pro, After Effects

DeVep Platforms : Ubuntu, Kali Linux

Data Analysis : Python (Matplotlib, Numpy, Pandas, seaborn, Scipy), Bloomberg Terminal, Power BI

EDUCATION

• University of Washington

B.S. in Computer Science and Applied Mathematics

September 2025 - Present

EXPERIENCE

Board member <i>Novakids Foundation</i>	March 2025 -
– Diving into the local community, spreading knowledge on computer science and psychology	
Business Operations Intern <i>Nihaopay</i>	Summer 2025
– Conducted market research and pricing analysis to evaluate payment processing competitiveness across North American and East Asian markets	
– Benchmarked major fintech competitors to identify strategic gaps in cross-border payment solutions	
– Collaborated with the operations team to streamline merchant onboarding workflow and improve data-driven decision-making	
Tutor <i>AI & Robotics Academy</i>	Feburary 2025 - now
– Teaching elementary students to code robots	
– Having fun with kids	
Payment Acceptance Tester, Student Ambassador <i>UnionPay International</i>	September 2023 - now
– As a Student Ambassador for UnionPay International, I conducted payment acceptance testing, helping to evaluate and recommend projects to enhance UnionPay's merchant network	
– Assisted in merchant research and outreach, focusing on promoting UnionPay's services and identifying opportunities for expanding acceptance in local markets	
– Led student-driven initiatives to raise awareness and improve UnionPay's presence, contributing to the strategic development of payment solutions	
Mentor <i>Pricewaterhouse Coopers, You Plus</i>	Summer 2024
– As a returning teaching assistant at PwC You Plus, I leveraged my prior experience in business consulting to guide students through financial analysis and operational problem-solving within non-profit organizations. I led instructional sessions, sharing insights on analyzing balance sheets and implementing solutions to enhance operational efficiency	
– My role focused on bridging theory with practical application, helping students understand real-world challenges in business consulting for local non-profits	
Student <i>Pricewaterhouse Coopers, You Plus</i>	Summer 2023
– Joined PwC You Plus (business consulting) in summer 2023. Processed analysis on a non-profit organization focusing on selling donated second-hand products, with generated profits going to disadvantaged children in the local community to help them establish a welcoming environment for their education	
– Developed solutions to improve their operational efficiency after analyzing their balance sheets. Implemented a solution to a crucial problem faced by all the stores in downtown Shanghai, providing opportunities to generate extra funding for their programs	
Researcher <i>Encryption as a Service, Homomorphic Encryption, Shanghai Ttai Technology Co.,ltd</i>	July 2021
– We identified potential applications and conducted extensive research to assess their feasibility and effectiveness. Additionally, we developed innovative strategies to overcome challenges and optimize performance in real-world scenarios. Furthermore, we conducted comprehensive experiments and analyses to validate our proposed approaches and demonstrate their practical applicability	

CLUBS AND ACTIVITIES

Founder | *Math Club*

September 2023 - June 2024

- Founded and lead Kings high school to participate in AMC and trained members to prepare for Mathematic Modelling such as IMMC and HiMCM competitions.
- Tutored calculus homework and helped prepare the test and quizzes for the club members.

Programmer | *Kings 4911 Robotics*

November 2023 - April 2024

- Served as a software engineer and built an internal data app to speed up the process of analyzing robot behaviors on each match so that speeds up to help plane the strategies of the robot.

Founder | *Dream Workers*

December 2021 - Present

- Founded the Dream-Worker initiative, an organization that strives to provide an environment for underprivileged children in the local community. Connected with international high schools and recruited over 200+ enthusiastic volunteers. Projects included documentaries, parent autobiographies, mission trips, joint sports, and fundraising, among others.
- The purpose of creating this organization not only is to serve but also as a platform which connects all idle social resources and reinvests them into society where they belong. As a result, students from different schools are able to join projects across Shanghai, providing more choices for their field of interests.
- Besides daily operations such as advertisements, finance, event planning, and human resourcing, I also established strong connections with local government officials.

Programmer & Data Analyst at Varsity Team | *Math Modeling Club*

September 2019 - June 2023

- As a programmer for the school's varsity team, I specialized in analyzing data and constructing mathematical models to support team initiatives. My responsibilities included working with various analytical techniques such as linear regression, AC auto-machine, grey relation, AHP analysis, TOPSIS model, CRITIC model, and multi-factor analysis.
- Additionally, I applied machine learning algorithms, including Naive Bayes predictions and CNN neural networks, to enhance data-driven decision-making processes.

Founder | *Shanghai Experimental School International Division TV*

August 2022 - June 2023

- Founded the TV station for the international division of Shanghai Experimental School in order to assist the publications and the media of the school.
- Took advantage of Adobe Series software and fluently exercised myself in using those software.
- Led a team managing a student-run TV channel, producing videos and interviews, and contributing to school publications

Head of Publications | *Shanghai Experimental School International Division Students Union*

August 2021 - June 2023

- I was part of the founding team of the Students Union, for which I was responsible for all media publications, media, and official channel maintenance.
- My team and I played a key role in building the platform from scratch, created over 12+ videos and 40+ articles, and helped it grow to 20,000 fans starting from zero.

Co-Founder | *Tiance Network Security Edu L.L.P.*

Nov 2019 - December 2022

- I joined the company founded by my friend pre-covid. I was responsible for advertisements, recording and organizing the lecture notes, videos, and materials that were prepared for our lesson package
- The company rode on the forefront of online education and took advantage of the platforms' benefits to promote online lecturings. During the COVID times, with a massive amount of remote working population, our company achieved a 200% growth in profit, generating a monthly cash flow of 150k\$. Unfortunately, our business faced challenges and eventually shut down due to government intervention in the online education market.

Founder and Head | *Python Coding Club*

August 2018 - May 2021

- I have been always enthusiastic about coding in Python and C++ along my journey, and I have achieved several awards, which inspired me to further pursue my dream. I founded a Python club to educate and share my coding abilities with fellow students at SES. Along with my colleague, we divided the class into two groups, with me being responsible for teaching algorithms.
- Three students and I teamed up to participate in a competition hosted by ACSL, where we were awarded regional distinctions. It was a great opportunity to challenge ourselves and demonstrate our skills.