H E L E N   P A N G

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EDUCATION

Harvard University   2019 - 2023
BA / MS in Computer Science. Minor in Economics.
Relevant Coursework: Quantitative Finance, Finance Seminar, Data Structures & Algorithms, Data Science, Machine Learning (MIT), Expository Writing, Intro Probability, Intro to Computer Science

Harvard Business School Online   2020
CORe Credential of Business: Financial Accounting, Economics for Managers, Business Analytics

EXPERIENCE

Google   Mountain View, CA
Incoming STEP Intern   June 2021 – Aug. 2021

Tang (Fintech Startup)   Cambridge, MA
Operations & Engineer Fellow   Feb. 2020 – Present
- Assembled financials for first fundraising round ($3M valuation) and designed YouTube video marketing content for app launch
- Code mobile app features in React Native for Tang, a peer-to-peer and remissions payment system for the Philippines

National Girls Collaborative Project
National Youth Advisory Board Director   Apr. 2017 – Present
- Established team of 50+ female students nationwide and founded #FeminSTEM social media movement
- Spearheaded collaboration with teams at Amazon, Nickelodeon, and more to promote media representation for women in STEM

Harvard Consulting on Business and the Environment   Cambridge, MA
Analyst   Sept. 2019 – Aug. 2020
- Redesign market strategy in product development, marketing, and business modeling for Fortune 100 tech company
- Augmented highly selective team of 60 consultants for top technology/sustainability firms with a total market camp of $5 billion

Harvard Association for US-China Relations   Cambridge, MA
Associate   Sept. 2019 – Present
- Designed educational curriculum of G20 Summit partner HSYLC, the largest educational conference in China of 1400 attendees
- Built student portals and wrote class-sorting algorithm for conferences under HAUSCRTech

Harvard Kennedy School   Cambridge, MA
Research Assistant   Feb. 2020 – Present
- Perform named entity extraction (natural language processing), social network analysis, and machine learning methods via Python to decode World War II historical journals for the Harvard Kennedy School Intelligence Project (publishing in progress)

Harvard CS50: Introduction to Computer Science   Cambridge, MA
Course Assistant   Aug. 2020 – Dec. 2020
- Lead instruction and review of Python, C, JavaScript, HTML/CSS, and SQL concepts
- Host weekly code reviews, office hours, and tutorials for one of Harvard's largest classes (700+ students)

Infosys Limited   Bangalore, India
Software Engineer Intern – NIA Chatbot Team   June 2020 – Aug. 2020
- Build REST API as backend Java utility to merge differences between JSON files based on user selection of key modifications
- Modify FuzzyWuzzy algorithm implementations in Python and Java for chatbot entity extraction

Bank of the Bluegrass   Lexington, KY
Wealth Management Intern   July 2018 – Sept. 2018
- Assembled financial statements and daily reports for reporting purposes
- Audited client meetings and identified key findings and discrepancies for managers to investigate

SKILLS + ACCOLADES

Technical: Java, Python, C, SQL, R, JavaScript, React, Git, HTML/CSS

Olympiads: USA Computing Olympiad Silver, American Invitational Mathematics Exam (AIME), MIT Math Prize for Girls

Scholarships: US Presidential Scholar Semifinalist, Coca-Cola Scholar Semifinalist, National Merit Finalist (ACT: 36)