

Sharon Liu

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EDUCATION

University of Virginia

B.A. in Computer Science and B.S. in Commerce (Finance, Quantitative Finance Track)

Charlottesville, Virginia
expected May 2021

- Cumulative GPA: 3.6 / 4.0; ACT: 36 / 36

- Relevant Coursework: Algorithms, Data Structures, Markets & Machines, Technology in Finance, Data Science, Portfolio Management, Strategy and Systems, Human Capital Management, Asian Business Environments

National University of Singapore

International Business Study Abroad, McIntire School of Commerce Scholarship Recipient

Singapore
Spring 2020

- Collaborated on extensive group work & formed cross-cultural connections under pressure from COVID-19 outbreak in Asia
- Navigated unfamiliar environments with little prior knowledge of culture or customs, and refined foreign language skills

Thomas Jefferson High School for Science and Technology

Alexandria, Virginia

WORK EXPERIENCE

Barclays Investment Bank

Sales & Trading Summer Analyst

New York, New York
July 2020 – Aug. 2020

- Created a custom index portfolio and influenced trading strategies by investigating S&P 500 volatility in 2 projects during rotations on Equity Derivatives Flow Trading and Structured Equity Derivatives Trading desks
- Presented 3 stock pitches & market analyses to managing directors, and used option theory to partake in trading simulations
- Connected with over 80 employees across different groups to learn business functions and revenue generation capabilities

J.P. Morgan

Software Engineering Intern, Credit Trading Technology

New York, New York
June 2019 – Aug. 2019

- Translated bond routing configuration into dynamic model on J.P. Morgan's Athena trading platform in Python
- Overhauled Electronic Market Making architecture to enable intraday update capability used by over 70 credit traders
- Led front-end development on team of 9 for payment splitting app in JavaScript during firm's Innovation Week Hackathon

WillowTree Apps

Software Engineering Intern

Charlottesville, Virginia
May 2018 – Dec. 2018

- Developed 30+ features and layout screens in web & iOS mobile applications for Fortune-500 clients and internal use
- Presented technical demos to managers and collaborated with different technical roles spanning across 3 development teams
- Headed team for internal agile development web app and led weekly "Innovation Hour" meetings to guide project direction

EXTRACURRICULAR LEADERSHIP

HKP Solutions, LLC, Co-founder, Chief Technology Officer

May 2020 – Present

- Led technical direction of company focused on creating scalable solutions for hotel chains to increase labor efficiency and enhance the customer experience, directing all steps of mobile app development from strategy to architecture & programming
- Recruited 30 technical employees for roles highly aligned to their skillsets, finishing development 1 month ahead of schedule
- Managed team of 3 Scrum managers and 20+ interns on 5 teams across engineering, design, and operational disciplines

Hackers at UVa, Executive Board Internal Chair

Jan. 2018 – Present

- Headed team of 30 for UVa's hackathon for over 800 students globally to develop projects for socioeconomic initiatives
- Organized logistics, technical workshops, outreach, and helped secure \$60,000+ in sponsorships during fundraising process
- Helped bring Commerce and Engineering students together in brainstorming event to promote fintech and entrepreneurship

VisitAble - Accessibility Startup affiliated with UVa, Micro-Market Strategy Intern

June 2020

- Conducted due diligence and primary research for client sourcing, new market entry, and business model refinement
- Presented market strategy recommendations and platform's digital transformation plans to company CEO

Asian Student Union, Executive Council Webmaster

Sept. 2017 – Aug. 2019

- Developed organization website promoting Asian American Heritage Month & overnight program for 70 prospective students
- Orchestrated 20+ workshops, panels, and speakers to address social inequalities and increase alumni engagement

SKILLS, HONORS, & INTERESTS

Programming Languages: Python, Java, C++, SQL, VBA/Excel, JavaScript, HTML/CSS, Swift

Honors: Jane Street Extern & Scholarship, Oliver Wyman Women's Leadership Series, Grace Hopper (GHC) Scholarship, Tapia Scholarship, Warwick Johnston Scholarship, Oaktree Capital Case Competition Finalist, Rewriting the Code

Languages: Mandarin Chinese

Interests: Southeast Asian cuisine, Painting natural landscapes, Snorkeling and white water rafting in Bali, Broadway shows