

Contact

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Top Skills

Agile Methodologies
System Automation
Terraform

Certifications

Software Engineering Virtual
Experience Program Participant
Tuck Business Bridge Program

Sky Luo

Incoming DevOps Engineer Intern @ Lazard
New York City Metropolitan Area

Summary

I am a third-year computer science major and an international student at Davidson College. I am pursuing the Columbia Combined Plan, where I will spend my fourth and fifth undergrad years at the School of Engineering at Columbia University. I will graduate in 2026 with a BS from Davidson College and a BSE from Columbia University, both in CS.

I love coding - solving complex problems and shipping codes used by millions excite me. My favorite tools are Python/Flask, Java, Javascript, SQL, and HTML/CSS, and I am familiar with cloud platforms like AWS, Azure, and Google Cloud. I have built and deployed several cloud-based Python programs to solve real-life problems for my school's VR lab, companies, and my own project. I am pursuing a career in software engineering.

I am currently the sponsorship lead at Hack@Davidson, a Major League Hacking event.

Experience

Lazard

Incoming DevOps Engineer Intern
January 2024 - Present (4 months)
Manhattan, New York, United States

2024 Information Technology Summer Internship.
Global Technology Infrastructure - Windows Infrastructure Services Team.

Forest Systems

Web Development Intern
December 2023 - Present (5 months)

3D Circuitry Inc.

Software Engineer Intern
May 2023 - July 2023 (3 months)

Wilmington, Delaware, United States

- Developed key features, including the shop-page view and backend data service, for the 3D Circuitry iOS application using Swift UI
- Built highly interactive 3D product views via shop-page for a more immersive and fun experience for children and parents to shop the educational circuit kits
- Designed and managed the database schema for shop-page product information using MySQL

Black Pearl Global Investments

Venture Capital Analyst Intern

June 2023 - June 2023 (1 month)

Charlotte, North Carolina, United States

- Conducted investor outreach, presented pitch decks to interested investors, and accomplished due diligence on 5 startups, resulting in 1 investment recommendation to general partners
- Improved data room navigability for prospective investors by re-organizing and updating the naming convention for files

Fastwyre Broadband

Data Engineer Intern

January 2023 - May 2023 (5 months)

Davidson, North Carolina, United States

- Designed and implemented a Python program using Pandas to clean and process multi-million lines of Ookla Speedtest user data into more than 1,000 tuples identifying Fastwyre's competitors, convertible customers, customers' current internet plans, and speed test results in the targeted region
- Designed a mathematical function to quantify the convertible customers' dissatisfaction with their current internet plans, factoring the gap between the ideal speed and actual speed test results, frequency of speed tests, and the time of speed test
- Briefed the user dissatisfaction and competition report to the CSO and marketing directors and recommended the team's investments in regional customer acquisition and competitive strategies

Davidson College

Data Engineer Intern

May 2022 - August 2022 (4 months)

North Carolina, United States

- Developed a Python web scraper using BeautifulSoup to collect and clean data from over 6,000 authors and articles on the ACM CHI conference website and store the data in a database
- Built a first-name-to-gender mapper to include gender as an author attribute in each tuple
- Conducted a statistical study of gender inequality over the history of the ACM CHI conference, and presented the preliminary results at the Davidson College Symposium

Education

Davidson College

Bachelor of Science - BS, Computer Science · (August 2021 - May 2024)

The Tuck School of Business at Dartmouth

Certificate - Tuck Business Bridge Summer 2023, Business · (July 2023 - July 2023)

University of Chicago

Certificate - UChicago Summer Immersion, American Political Economy · (July 2020 - August 2020)

The Affiliated High School of South China Normal University 华南师范大学附属中学

High School Diploma · (August 2019 - June 2021)