


Carolyn Lee

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EDUCATION

Stanford University

B.S. Computer Science, concentration in Human-Computer Interaction (GPA 3.89/4.0)

Palo Alto, CA

Class of 2026

Atlanta International School

Valedictorian

Atlanta, GA

Class of 2022

COURSEWORK AND SKILLS

Coursework: CS 106B - Programming Abstractions, MATH 51 - Linear Algebra & Multivariable Calculus, CS 107 - Computer Organization & Systems, CS 103 - Mathematical Foundations of Computing, CS 109 - Introduction to Probability for Computer Scientists, CS 111 - Operating Systems Principles, CS 161 - Design and Analysis of Algorithms

Skills: C, C++, Python, Java, JavaScript (JS), CSS, HTML, Figma, React

Languages: English (Native), Chinese (Fluent), Cantonese (Conversant), Japanese (Basic)

EXPERIENCE

Research Intern

Jun 2023 – Sep 2023

*Agency for Science, Technology and Research (A*STAR) (PI: Dr. Nancy Chen)*

Singapore, Singapore

- Worked under the Aural & Language Intelligence Department to develop an AI model to be used in language education
- Used natural language processing to investigate how students learn a mother tongue language within the cultural context of Singapore

Research Assistant at Sharing Conversations Project

May 2023 – Present

Stanford University (PI: Professor Yoshiko Matsumoto)

Palo Alto, CA

- Transcribing audio files and conducting linguistic analysis on intergenerational haiku making sessions
- Investigating ways to promote conversation among people across generations and analyzing how specific language usage and narratives makes communication between groups inclusive

Project Manager, Marketing Consultant

Oct 2022 – Present

Stanford Marketing Group

Palo Alto, CA

- Collaborate with clients, including local startups and Fortune 500 corporations, to execute strategy-based projects
- Through project management techniques, train and guide consultants to develop effective strategies for companies to enhance their brand image and drive sales through targeted marketing campaigns
- Take on diverse projects ranging from UX design to market entry strategies in order to provide clients with comprehensive solutions to achieve their business objectives.

Researcher & Team Lead

Aug 2018 – Apr 2022

NASA - AIS International Space Station Program

- Sent independent research aboard the International Space Station that was launched aboard NG-11 Cygnus on April 17, 2019
- Designed novel solution to study the functional behavior of slime mold *physarum polycephalum* in microgravity conditions and presented research findings at the 2019 ISS Research and Development Conference

Data Science Intern

Jul 2020 – Aug 2020

Stanley Black and Decker

Atlanta, GA

- Used Jupyter Notebook to analyze performance data from NADI solar water pumps, providing valuable insights that informed SB&D's product development strategies
- Analyzed large datasets related to COVID-19, uncovering key insights and trends that informed strategic decision-making for public health initiatives

HONORS AND PUBLICATIONS

2024 IEEE CAI, "Scaffolding Language Learning via Multi-modal Tutoring Systems with Pedagogical Instructions"

2022 Atlanta Journal-Constitution Cup Award

2021 Harvard Book Prize Award

2020 International Baccalaureate MYP Student Innovators \$2k Grant Recipient

2019 National Invention Convention 3rd Place Winner featured in the CW's "Did I Mention Invention"