

# Suanna Zhong

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## Education

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### Carnegie Mellon University

Aug 2022 – Present

*Bachelor of Computer Science and Arts (BCSA) in Computer Science and Art*

- **Coursework:** Parallel and Sequential Data Structures and Algorithms, Computer Systems, Functional Programming, Linear Algebra, Theoretical Computer Science, Designing Human Centered Software, Probability and Statistical Inference

## Experience

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### Front-End Developer

Pittsburgh, PA

*Lunar Gala*

Oct 2024 – March 2025

- Used Next.js and React to develop the website for Lunar Gala fashion club, the largest annual fashion event in the state of Pennsylvania with 1000+ attendees

### Teaching Assistant

Pittsburgh, PA

*CMU 15-112 Fundamentals of Programming, Carnegie Mellon University*

Jan 2023 – Aug 2024

- Taught introductory Computer Science concepts to a class of 20 students
- Conducted OH, study groups, and one-on-one tutoring for struggling students
- Mentored 10 students to write a 1-1.5K line term project in Python

### Head of Photography

Pittsburgh, PA

*Lunar Gala*

Oct 2023 – March 2024

- Led a team of 8 photographers, hosted ideation meetings to follow brand guidelines
- Coordinated photographing 200+ garments and 100+ member headshots with a rapid turnaround to support web, print, and PR deliverables

### Software Engineer Intern

San Jose, CA

*VeriSilicon Holdings Co. Ltd.*

May 2023 – Aug 2023

- Designed, implemented, and tested neural-network topology checker in Python to ensure consistent network architecture
- Attended and presented at weekly stand up meetings and code reviews
- Revised on-boarding documentation to help future interns and employees

## Projects

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### Malloc

[Case study](#) [↗](#)

- Implemented `malloc` library in C, achieving 7 million operations per second throughput, with segregated free lists and FIFO insertion to maximize utilization
- Created animated motion graphics with Adobe After Effects that demonstrate key concepts of the assignment

### Suanna Zhong Youtube Channel

[Youtube](#) [↗](#)

- YouTube Channel (200K+ views) for interdisciplinary art and technology discourse

## Skills

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**Languages:** Python, C/C++, SML, HTML and CSS, JavaScript, R

**Frameworks and Libraries:** NumPy, GSAP, Tailwind CSS, Next.js, React

**Developer Tools:** Git, VS Code, AWS

**Miscellaneous:** Adobe CC (Ae, Id, Lr, Ps), Video editing, Node-based color grading, 3D animation pipeline