

# Stanley Zheng

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## EDUCATION

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### Vanderbilt University

*Bachelor of Science in Computer Science and Math*  
*Minor in Electrical and Computer Engineering*

Nashville, TN

Aug. 2023 – May 2027

### Relevant Coursework

*Computer Architecture, Intermediate Software Design, Data Structures, Discrete Structures, Linear Algebra*

## EXPERIENCE

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### Software Engineering Intern

*REIDD*

June 2024 – Aug 2024

*New York City, NY*

- Launched various websites, including a property showcasing and a company website, providing access to 100+ customers.
- Developed a full-stack application using Mapbox API and Javascript to highlight amenities around the property.
- Communicated with manager to improve upon website design, increasing customer retention.

### Consulting Intern

*Chyron*

Jun. 2023 – September 2023

*New York City, NY*

- Conducted product analysis, assessing past profits and market competition to give strategic recommendations for the product portfolio.
- Researched potential customers through market analysis, resulting in a 15% increase in market leads.
- Analyzed customer purchasing history over the last 5 years, presenting the results to the board of directors to make an informed decision about a product.

### Code Tutor

*TheCoderSchool*

Sep 2022 – June 2023

*New York City, NY*

- Created a curriculum of concepts to lead a class of 6 students teaching fundamentals including variables, logic, and loops.
- Facilitated individualized tutoring sessions to help create personalized games using Scratch and Python.
- Assessed student progress through regular coding challenges and projects, providing constructive feedback to support growth.

## PROJECTS

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### Bus Stop Indicator Board | *PyFirmata, Requests, Circuit wiring*

Aug 2024– Present

- Developed bus tracking system indicating bus locations using LEDs.
- Integrated MTA BusTime API to retrieve real-time bus stop data for over 50 stops.
- Utilized an Arduino and a breadboard to showcase data in a tangible, interactive display.

### Witness | *Next.js, Yarn, Typescript*

Apr 2024– Present

- Contributed to VandyHack's judging platform, a full-stack application used by both participants and judges.
- Collaborated with team members to optimize and refactor React components.
- Revamped display settings on organizer portal, simplifying theme toggle functionality for judges.

### Bridging Seas Website | *SvelteKit, TailwindCSS, Vercel*

June 2022 – Jun 2023

- Built and designed the current website, servicing 100+ penpals across the world.
- Utilized SvelteKit's modular design to create components used throughout the website, allowing for easy implementation of future additions.
- Deployed the application to a live production environment using Vercel, ensuring seamless updates and uptime.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript

**Frameworks:** React, Node.js, Flask, SvelteKit

**Developer Tools:** Git, Google Cloud Platform, Visual Studio, IntelliJ, Vercel

**Libraries:** NumPy, pandas, Selenium, BeautifulSoup