

## Kevin Zhang

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### EDUCATION

**Rutgers University**, *New Brunswick, NJ*

GPA: 3.86

Expected Graduation: May 2027

Major: Computer Science

### RELEVANT COURSES

**Data Structures & Algorithms, Intro to CS (CS111), Calculus II, Calculus I (AP Calc AB)**

### PROJECTS

#### **Interactive Simulation of Conway's Game of Life**

June 2024

- Developed an advanced implementation of Conway's Game of Life, a cellular automaton utilizing **Java**.
- Utilized **2D arrays** and the **Union-Find data structure** to manage the grid and determine connected components, ensuring optimal performance for updates.
- Implemented algorithms to simulate the game's rules, including cell state transitions, neighbor counting, and grid updates.

#### **Personal Portfolio Website**

August 2023 - Present

- Designed and developed a comprehensive personal website utilizing **HTML**, **CSS**, and **JavaScript**
- Implemented interactive features (e.g., dark/light mode, hyperlinks, etc.) to enhance **user experience**
- Ongoing project with plans to integrate analytics to gain insight into user behavior and additional **UI** features such as buttons and audio

#### **Watermelon Animation Project**

September 2023

- Designed an animation of a watermelon being sliced in half using only **HTML** and **CSS**

### EXPERIENCE

#### **Good Taste**, *Tenaflly, NJ*

May 2021 - August 2023

##### *Customer Service Manager*

- Trained 2 new hires on cashier management
- Served 70+ customers per shift and maintained a wait time of fewer than 10 minutes per order
- Coordinated and managed staff schedules to optimize workflow and ensure efficient operations while being accommodating to responsibilities in staffs' personal lives

### VOLUNTEER

#### **InterVarsity** | *Praise Team Organizer/Small Group Leader*

September 2023 - Present

- Collaborate weekly with 12 fellow church members to plan and perform songs for worship
- Organize content for and lead a weekly Bible study for 7-10 participants, investing approximately 5 hours per week in leadership and pastoral duties

#### **Spectrum for Living** | *Instructor & Event Coordinator*

November 2022 - May 2023

- Created a learning environment for piano lessons tailored to adults with developmental disabilities to encourage musical growth and self-expression
- Orchestrated weekly recreational activities, including craft, live music performances, trivia, and movie nights, catering to 20-30 attendees

### SKILLS

**Programming Languages:** Java, Javascript, HTML, CSS

**Foreign Language:** Mandarin (Limited working proficiency)

**Soft Skills:** Problem Solving, Teamwork, Interpersonal Oral & Written Communication, Self-Learning, Time Management, Creativity

**Tools:** Git, Visual Studio Code, Microsoft Office, Google Workspace

### AWARDS

- NJ Seal of Biliteracy (Mandarin, Chinese) October 2022
- ABRSM Level 4 Diploma in Music Performance July 2022
- The College of New Jersey Honors Wind Ensemble November 2022
- US Bands Group 2A National Championships October 2022