Shane Yokota

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EDUCATION

University of Southern California	AUG 2022—MAY 2026(Expected)
Bachelor of Science, Computer Science	GPA: 3.8 *Los Angeles, CA*

SKILLS

Programming Language: C++, JavaScript, Python, PHP, HTML, CSS
Databases: MySQL
Language: English, Japanese, Korean

EXPERIENCE

Jin-hak-Sa　　　　　　　　　　　　　　　　JUN 2022—AUG 2022 and DEC 2022—JAN 2023
Cashier / Custodian　　　　　　　　　　　　　　　　　　　　　　　　*Jinju, South Korea*

- Maintained cleanliness and order at a local shop through tasks including sweeping, emptying trash, and organizing
- **Accurately** handled financial transactions at a local shop, handling cash and credit card payments
- Ensured all items were not out of stock and ordered, and ordered out of stock items as needed

Teach for LA　　　　　　　　　　　　　　　　　　　　　　　　　　AUG 2022—DEC 2022
Math Tutor　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Los Angeles, CA*

- Worked with students in Los Angeles to help them understand key concepts in their educational pursuits
- **Assisted** students with homework, projects, test preparations, papers, and other academic tasks

St Croix Lutheran Academy/Marshall School Math League　　　　　　SEP 2018—APR 2022
Team Captain / General Member　　　　　　　　　　　　　　　　　　　　　*Duluth, MN*

- Served as a **Math League Captain** and led the team to win Math League Minnesota Class A **State Champion**
- Developed **strong problem solving skills** through practice and competition up to **State level**
- Coordinated practices and scheduled room for sessions, taking in consideration for variety of students' schedules
- **Prepared practice materials** and overview of upcoming math league meeting topics for team members

SOFTWARE ENGINEERING APPLICATION

Stream Service — *Fictitious Streaming Service*　　　　　　　　　　　　NOV 2022—DEC 2022

- Developed a **C++** program functioning like a streaming service with basic features such as login, logout, search for content, watch content, rate content, and view history.
- Implemented an **advanced features** that does content suggestion by **analyzing a bipartite graph** created with all users and content data
- Utilized **object-oriented** programming principles to design and implement the program and enhanced programming skills through the development of a complex project using **C++**

Chromakey — Web app — *Removes background and Concatenates it to an image*　　SEP 2022—OCT 2022

- Programmed a Chromakey technique that **accurately** combines green screened images' foreground with a provided background image using **C++**
- **Improved the accuracy** of the system by testing the program on a **diverse range** of green screened images and achieving expected results
- Demonstrated **strong problem-solving skills** by creating a system that detects a green screen in images regardless of tone

Social Media Replica — Web App — *Fictitious Social Media*　　　　　　JUN 2022—AUG 2022

- Designed and built a functional Social Media replica web application, showcasing **proficiency** in frontend technologies such as HTML, CSS, and JavaScript.
- Implemented a range of features including login, sign-in, home, post, edit, and view profile
- Utilized PHP and MySQL for backend development and database management, including the transfer of new and updated information and the **secure** storage of personal data using **encryption**

ACCOMPLISHMENT/AWARDS

Math League **Minnesota Class A State Champion**	APR 2022
Math League **Captain**	SEP 2021—APR 2022
Marshall School Co-Curricular **Letter Award**	JUN 2022
Minnesota State High School Golf Academic **All State Golf Award**	JUN 2022