

SOYEON KIM

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EDUCATION

William Howard Taft Charter High School Woodland Hills, CA

June 2024

Courses: AP Computer Science, AP Calculus A/BC, AP Physics C, AP Chemistry, AP Biology

Activities: Jump Rope Team, Art Cinema Club Founder/President

EXPERIENCE & EXTRACURRICULAR ACTIVITIES

COSMOS UCSC

Summer 2022

Cluster 5 Student (Video Games: The Design of Fun from Concept to Code)

- Exposed to 5 different programming platforms (Unity, Visual Studio Code, Processing, Twine, Pure Data.) utilizing 3 programming languages (Python, C++, Java)
- Experienced professional learning environment with college professors lecturing on video game design and programming, as well as other areas of science

AIAA BWSI Build A CubeSat Challenge

January 2022 - May 2022

Satickens Team Member

- Awarded First Place Award out of 20+ teams nation-wide upon the completion of the challenge
- Built CubeSat model that takes and processes images of automatically detected colored plastic
- Received highest score on regular check-up such as the design review or tech video submission. Judges used our project as a grading guide.

Providence Cedars-Sinai Tarzana Medical Center

June 2022 - Present

Cardiovascular Unit Volunteer

- Answered patient calls and assisted nurses in providing care for patients, such as moving patients to another room and bringing requested supplies to nurses
- Volunteered for 100+ hours in CVU, obtaining thorough understanding of medical environment

ADDITIONAL INFORMATION

Languages: Korean (fluent), Spanish (learning), Java (intermediate), Python (learning), C++ (learning)

Technical Skills: Adobe Photoshop, Adobe Bridge, Microsoft Office, Visual Studio Code (Python/Java), Unity

Game Engine, Autodesk Maya (3D Modeling), Digital Photography

Interests: Competitive Jump Rope, Photography, Visual Arts, Various Fields of Science (especially Computer Science, Engineering, Chemistry, and Physics), Singing (Choir)

Personal Website: <https://yeomsou0.wixsite.com/itsme>

REFERENCES

Steve McFadden

AP Chemistry and AP Physics C teacher at Taft HS

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Katie Ingram

AP Computer Science teacher at Taft HS

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