

Sarah He

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EDUCATION

University of California, San Diego

Bachelor of Science in Data Science

La Jolla, CA

Sep. 2023 – Present

EXPERIENCE

The Guardian Online

Webmaster

January 2024 - Present

La Jolla, CA

- Update The Guardian website and publish content online following each print edition
- Maintain staff profiles and links on site

The Guardian

Data Visualization Staff, Photographer

October 2023 - Present

La Jolla, CA

- Contribute to UCSD's award-winning student newspaper with weekly publications print and online
- Aggregate and interpret large data sets to produce informative and interactive graphics
- Cover diverse content to produce photographs accompanying articles

Code With Klossy

Scholar

July 2021, July 2022

Los Angeles, CA

- Attend lectures on Web Development and Data Science
- Learn fundamentals of JavaScript, HTML, CSS, and SQL
- Work in a team of 3 to program an informative and interactive website regarding ocean protection

PROJECTS

Pasta Detector | TensorFlow, Flask, Python, HTML, CSS, JavaScript

February 2024

- Develop image classification web application to distinguish between different pasta types
- Train machine learning model to classify pasta images
- Implement frontend web page design and development

Only One Ocean | HTML, CSS, JavaScript

July 2021

- Develop multi-page website to educate children on issues regarding ocean protection
- Implement interactive fact generator using JavaScript

LEADERSHIP

Temple City Infinity Math Circle

March 2020 – August 2023

Co-Founder, Head of Planning Committee, Instructor

Temple City, CA

- Oversee summer program offering 200+ elementary and middle school students weekly math lessons
- Lead weekly committee meetings to develop class materials for 24 areas of study
- Manage outreach to 4 elementary and middle schools

Templar Yearbook

Photography Editor, Photographer

August 2021 – June 2023

Temple City, CA

- Lead staff of 30 to create a 276-page publication
- Train and manage weekly assignments of 10 photographers
- Awarded Staffer of the Year with work published on Herff Jones eDesign webpage front page

Temple City High School Associated Student Body Leadership

Campus Commissioner

August 2022 – June 2023

Temple City, CA

- Regulate activities and train officers for 86 student clubs
- Fundraise \$4500 for ASB capital investments and maintain student store
- Collaborate with PTA and city officials for citywide projects

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript, HTML/CSS

Developer Tools: Git, Jupyter Notebook, Flask

Libraries: NumPy, Pandas

Miscellaneous: Adobe Photoshop, Adobe Lightroom