

Zachary Artman

609-613-0439 | zacharyartman@icloud.com | [linkedin.com/in/zacharyartman](https://www.linkedin.com/in/zacharyartman) | [zacharyartman.com](https://www.zacharyartman.com)

EDUCATION

University of San Diego

Bachelor of Arts in Computer Science

San Diego, CA

Aug. 2021 – May 2024

- 4.0/4.0 Major GPA, 3.69/4.0 Cumulative GPA
- Studied abroad in Florence, Italy in January, 2023 (Florence University of the Arts)
- Association for Computing Machinery Club, Member
- Phi Kappa Theta, Scheduler
- Fraternity & Sorority Life Standards Board, Hearing Board Officer

EXPERIENCE

Software/QA Engineer Intern

Teledyne RD Instruments

Jun. 2023 – Aug. 2023

Poway, CA

- Led the overhaul of a MSSQL data visualization application, utilizing reverse engineering to save at least 22 full engineer working days per year.
- Collaborated with engineers to optimize an automation testing program, enhancing UI, boosting compatibility, and reducing manual intervention for improved reliability in manufacturing processes.
- Optimized automated testing software, achieving substantial reductions in task performance time and significantly boosting overall manufacturing productivity.

Engineering Intern

PoEWit Technologies

May 2022 – Aug. 2022

Fort Lauderdale, FL

- Demonstrated strong debugging abilities by effectively troubleshooting and fixing issues with circuit board programming.
- Created software documentation, including design specifications and technical reports.
- Assembled and tested innovative lighting products utilizing Power over Ethernet (PoE) technology, enabling energy-efficient and cost-effective lighting solutions.
- Programmed circuit boards using Python scripts

Advancement Office Intern

Notre Dame High School

Sep. 2020 – Jan. 2021

Lawrence, NJ

- Conducted research and updated alumni database, improving organization and accuracy of records.
- Provided support with registration and greeted attendees at school events, as well as assisted with photography and social media initiatives.
- Accurately collected contact information and verified mailing addresses for donors to ensure timely and effective communication.

PROJECTS

Flight Booking Simulator | *Java & SQL*

December 2023

- Led the development of a Flight Booking system, enabling administrators to manage flight-related operations, including adding or removing airports, flights and passengers.
- Implemented a user-centric booking interface, allowing customers to search, book, modify, and cancel flights seamlessly, alongside accessing their flight history.
- Integrated the system with MySQL to ensure efficient handling of user and flight data.

FairGlobalShare Expenses | *Python, JavaScript, HTML & CSS*

January 2023

- Developed a small project called "FairGlobalShare," a program that simplifies the process of dividing and converting expenses among a group while traveling abroad
- Input restaurant expenses such as each person's food cost and the total of wine, water, etc. The program divides and converts the final amounts to USD and creates an easy-to-read text file with new pricing for each person

SKILLS & INTERESTS

Skills: Python, Java, Javascript, HTML, SQL, Object-Oriented Programming, Git, Linux, Communication, Time Management, Complex Problem Solving

Interests: Artificial Intelligence, Scuba Diving, Automation