

Andrea Sudharta

asudhart@ucsd.edu | (408) 406-2409 | [annsudhart.github.io](https://github.com/annsudhart)

Hello there! I'm Andrea and I would love to become a **software development intern**. My interests lie in machine learning and AI, and my goal is to **make an impact** using innovation.

Education

UC San Diego – GPA: 3.433

Anticipating Bachelor of Math/CS by 2021

Silver Creek High School - GPA: 3.83

Graduated May 2017

- Graduated Summa Cum Laude at the top five percent of my class
- Recipient of my school's Superintendent Honor Roll Award Recipient
- AP Scholar with Distinction

Stanford University

June to July 2017

- Studied Discrete Mathematics and Advanced Data Structures
- Led group projects and tutored fellow students in programming.

Skills and Qualifications

- ❖ Programming experience in **Java, Python, HTML, CSS, and JavaScript**
- ❖ Strong mathematical background in algebra, geometry, calculus, and discrete mathematics
- ❖ Familiar with LinkedLists, Trees, and hash tables
- ❖ Demonstrated experience in **web design and development** as an **Adobe Certified Web Developer**
- ❖ **Led my high school Science Olympiad team to win several medals** in competitions as **secretary**
- ❖ Vice Chair of Residence Hall Council (Warren CleRHCs)

Relevant Experience

A Cat's Ball

- A video game made with Python
- The player collects bits on a screen within 60 seconds.
- Dealt with challenges such as constant event updating, scene changes, boundary checks, smoother movement, and scene loops to make the game better.

War: A Card Game

- Created a mobile app that lets you play the card game War
- User objective is to take all the cards of the opponent
- Dealt with developing XML and Java, as well as a better understanding of mobile app development

bookEDA

- Made a business landing page for bookEDA (<http://andrea.schswdd.net/bookeda/index.html>), a product I made for the Network For Teaching Entrepreneurship (NFTE)
- Showcases my skills in prototyping, design, and web development