Ian Sheinis

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Programming languages: Python, Java, C++, SQL, HTML, CSS, JavaScript

IDEs: IntelliJ, VSC, Android Studios, PyCharm

Technologies: Git, AWS EC2, Docker, Linux, Windows, Word, Excel, PowerPoint, Docs

EDUCATION

University of Santa Barbara – Computer Science Major – Expected Graduation: June 2026

Already taken: CS16 (C++ introduction), Math 4A (Linear Algebra),

Multivariable Calculus (In Granada High School)

Going to take by Summer 2024: CS24 (C++ intermediate), CS40 (Conceptual CS), CS64 (Assembly), CS32 (C++ Advanced) CS130A (Data Structures)

PROJECTS

Scheduled Reminder Discord Bot | GitHub | (Python, VSC, Docker, SQL (SQLite3), EC2 Linux)
November 2023

- Built a Discord Bot using Python Discord API that helped my Highschool Cross Country Team (67 members) schedule custom reminders depending on the date and time
- Created a reminders database using SQLite3 which stored and made it easy to query reminders based on their expected send date
- Ran the program 24/7 for free using AWS' EC2 Linux Instance which runs my program in a Virtual Machine
- Learned to use SQL, discord.py library, Docker Desktop, Linux Terminal, and EC2

Android Precision App Game | GitHub | (Java, Android Studios)
August 2023

- Built an Android Tapping Game in Android Studios to entertain users
- Created an enticing score by measuring total time through asynchronous threading which accumulated time every 10 milliseconds
- Learned to utilize the Android Studios IDE, IntelliJ IDE and learned to use the Android library while simultaneously developing my Java skills.

OTHER ACHIEVEMENTS

Four-year Granada HS Cross Country Runner

- Learned Camaraderie, Tenacity, Discipline, and Diligence
  - Learned to communicate and coordinate with team and coaches
  - Learned to not give up no matter the adversity or struggle
  - Learned to commit myself to a program everyday
  - Learned to commit 100% of myself

Passed the N2 Japanese Exam

- Can fluently conversate in everyday conversations
- Can listen fluently to varied subjects
- Can read and understand everyday signs, labels, articles, papers, etc

4 on AP Spanish

- Can hold everyday conversations
- Can read and understand news articles, commentaries, etc