Aya Al Sabahi
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Github: https://github.com/ayaalsabahi
LinkedIn: https://www.linkedin.com/in/aya-al-sabahi/

Education
- Fundamentals of Programming (Python)
- Principles of Imperative programming & Computer Systems (C)
- Principles of Functional Programming (SML)
- Calculus 1, 2
- Calculus in 3D
- Linear Algebra

International School of Choueifat - Muscat (Class of 2021)
- Advanced Placement Scholar with Honor
  - Physics C, AB calculus, Computer Science A, Psychology

Experience
- Course assistant for Fundamentals of Programming in freshman year (Jan 2022 - April 2022)
- Software Developer Summer Internship - PhazeRo (June/July 2022)
  - Worked on backend with NodeJS & REST api on an internal applicant management system for HR

Projects
- Computer systems labs (2022)
  - shell with several built-in commands
  - proxy for static HTML web pages
  - dynamic memory allocator (malloc, calloc, realloc, free)with a segregated linked list implementation, 4 byte minimum block size

- Freshman Immigration Planner (2021)
  - Implemented using Python and tkinter library
  - Helps student transition from highschool to university by visually tracking time spent in courses
  - Includes ability to view and add office hours
  - Scalability to track by day, week, month, and view all time statistics

- Recreated minesweeper game (2020)
  - Using python
  - For the Nashia Python Scheme run by Ministry of Education in Oman

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Awards & Honors
- Qatari Amiri Diwan scholarship
- Board member for a non-profit Omani magazine for the youth. Mastermind/event planner for TwoThousand Magazine (2020 - 2022)
- Nominated for a Python Scheme run by the Ministry of Education (2020)

Activities & Leadership
- Computing Club member - CMUQ (2022)
- Features & science head editor - ISC muscat newsletter (2019-2021)
- Qualified to compete internationally, sold copies of my art during local Saturday markets and run an art instagram (2018 - 2021)
- Tutoring grades 1 - 7 mathematics (2017-2019)
- Global CMU program (2021)
- Senior Head Ambassador for schools outreach department, had to organize and plan events to promote a positive atmosphere (2019-2021)

Skills
- Programming languages & tools: python, C, SML, Javascript (a little - willing to learn more)
- Languages: Bilingual level fluency in English and Arabic.