DYLAN JACOBS

Swarthmore engineering major

PROFILE

Hardworking Swarthmore College engineering student with extensive experience in software development, customer service, and the restaurant industry.

CONTACT

PHONE:
(503) 704-4583

EMAIL:
dylanwillamette@gmail.com

WEBSITE:
https://jacobstechnologies.wixsite.com/jacobstechnologies

GOOGLE PLAY DEVELOPER PAGE
https://play.google.com/store/apps/dev?id=7404684278298485150

GITHUB
https://github.com/dylan-jacobs

SKILLS & INTERESTS

- Computer programming
- Data analysis (Python, Excel, etc.)
- Swarthmore varsity soccer
- Backpacking, hiking, skiing

LANGUAGES

English – Native
Spanish – Fluent

AWARDS

National Merit Scholarship Recipient
April 2023
2nd Place National Constitution Team
April 2023
Global Seal of Biliteracy (Spanish)
April 2022
Euclidean Cup Math Award
June 2023

EDUCATION

Swarthmore College
September 2023 – Present
Engineering Major
SAT: 1560

RELEVANT PROJECTS

FireSale - https://play.google.com/store/apps/details?id=com.jacobstechnologies.smartfood&hl=en&gl=US
August 2020 – June 2021
Developed an Android app to reduce food waste by allowing foot retailers to advertise excess food to hungry local consumers at markdowns.

Generative Adversarial Network (GAN)
January 2022 – June 2022
Implemented this AI algorithm—trained on abstract art datasets—to create original computer-generated abstract artwork. Samples shown below:

WORK EXPERIENCE

Oregon Health and Science University | Software Engineer Intern
June 2022 – August 2022
Developed a mobile application that works in tandem with a custom stethoscope to detect heart pathological heart murmurs. Attended weekly project updates and machine learning meetings, during which I prepared presentations and led discussions regarding the project and artificial intelligence.
Dr. Clara Mosquera-Lopez – mosquera@ohsu.edu

Ohana Hawaiian Cafe | Server/Dishwasher
June 2023 – August 2023
Served tables, prepared food, washed dishes, and fulfilled customer needs in a fast-paced, high-energy, restaurant environment.
Ms. Sandie Ho – sandie@ohanahawaiiancafe.com

Oregon Health and Science University I | Data Analyst Intern
January 2022 – June 2022
Analyzed body temperature data using statistical models in Python to predict the time and date of female patient parturition. I also attended weekly machine-learning presentations, during which I learned about the implementation and practical utility of artificial intelligence models.

Other References
Ms. Angela DiPasquale (Grant High School) – adipasquale@pps.net
Mr. Daniel Anderson – danielanderson327@gmail.com
Mr. Matt Stevens (Grant High School) – mstevens2@pps.net