

DAR EVAN

COMPUTER SCIENCE & ECONOMICS DOUBLE MAJOR

St. Peter, MN | (507) 382-4764 | dare@gustavus.edu | linkedin.com/in/darevan | github.com/thedarevan

EDUCATION

B.A. Computer Science & Economics | Gustavus Adolphus College Expected May 2028

- GPA: 3.73 | Dean's List Honor Student 2024-2026

RESEARCH / PROJECTS

Researcher | Physics | Gustavus Adolphus College

May - Aug 2026

- Developed and analyzed large-scale 3D magnetohydrodynamic simulations of radio-galaxy jet interactions using the Fortran-based WOMBAT code. Modified simulation code to create environments that better represent observed physical conditions in galaxy clusters.
- Built Python-based analysis and visualization workflows to process simulation outputs and examine the evolution and morphology of simulated radio jets.
- Analyzed environmental conditions and viewing angle as potential mechanisms for producing Hybrid Morphology Radio Sources (HyMoRS).
- Professor: Chris Nolting. Presentations: Gustavus Fall Symposium 2026

Lead Researcher | Ascola Alumni Program | Google IL

Jan 2024 - Jan 2025

- Improved public analytics capabilities using Google Trends. Investigated the use of public data to identify and predict national mental-health trends using Google Trends and other data sources. Developed Python projects utilizing Spotify's API and coordinated outreach to potential data providers.
- Professor: Itamar Grotto. Engineer: Niv Efron. Presentations: Google IL Offices (TLV) 2025.

SKILLS

- Programming: Python, C, C++, SQL, Fortran.
- Data: Google Trends, Spotify API, analysis/visualization
- Tools/Computing: Linux/Unix, SSH, MPI, Git
- Languages: Hebrew, English (Fluent)

WORK EXPERIENCE

Residential Assistant | Housing & Residential Life

Oct 2020 - present

- Fostering community through events, engagement, upholding campus policies, and serving as a reliable resource and support for hundreds of residents.

Tutor | Rogozin High School

Aug 2023 - Jun 2024

- Provided daily academic support on all topics of study for a class of underprivileged students.

First Sergeant | Artillery | Israel Defense Forces

Dec 2020 - Aug 2023

- Led and coordinated teams in high-pressure operational environments. Managed operations, logistics, training, and personnel under time-critical conditions. Developed leadership, accountability, and decision-making skills. Continued service in reserves.

RELEVANT COURSEWORK

Discrete Math I/II | Intro to Stats | Computer Science I/II | Intro to Data | Calculus I
| Systems I/II | Programming Languages | Intermediate Microeconomics