

Ander Swartz

VU Box 6243, Villanova University
250 Spring Mill Rd.
Villanova, PA 19085

Employment:

Villanova University 2021-present

Computer Science Peer Tutor / Front Desk

After getting an A and a recommendation from the teacher, I tutor other students in courses I have already taken. In Fall 2021, I booked a Villanova-high 92% of available hours.

Villanova University 2019-2020

Distance Education Operator

Responsible for the overview of AV/IT systems used for live-streaming and recording Graduate Engineering courses. Specialize in technical support for faculty, staff, and any students in the classroom.

Willett Free Library 2018-2019

Library Assistant / Front Circulation Desk

After volunteering for 1.5 years, was given the position of library assistant (usually requires a bachelor's degree). Coordinated various community events (Kids' crafts, Summer Reading Programs, Book and Bake Sales).

Research: 2019-present

Computational Modeling for Word Recognition and Processing lab at Villanova University

Collaborate with the WRAP lab AI team on a neural network model of speech recognition. Specialize in the network's psychological plausibility by showing phenomena also found in human speech processing.

Technical Skills:

- High proficiency in Java. Experience in R, Python, C, Javascript, HTML/CSS, SQL (listed in order of exp.)
- Git and Github, appreciates importance of refactoring, Test-driven development, JUnit, Maven, Continuous Integration, Jenkins, implemented RESTful APIs in Java and Javascript (Github and Spotify's APIs)

Projects:

- Zipf's Law Simulator, Chess AI (in development), Personal Website, Sudoku solver, Spotify recommendations

Education:

Villanova University 2019-2023

- Computer Science B.S. Cognitive Science Concentration, Philosophy Minor
- 3.97 GPA through 2.5 semesters

North Kingstown Senior High School, RI 2015-2019

- National Honors Society Member and tutor, Perfect Attendance, Class Rank 15/343

Activities / Experience / Skills:

- Making music, coach coed intramural softball, recreational basketball, Villanova Game Development Club
- Diligent and enthusiastic towards learning, presenting, and teaching new information
- Strong foundation in algorithms and data structures
- Accomplished speaker and presenter
- Passionate and quick learner: will often research interesting topics introduced in courses
- Adaptability: excels in all courses regardless of subject, modality, or teacher.