

Neal Siegrist

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Education

University of San Francisco

Master's degree, Computer Science, Graduating May 2021

University of California, Davis

Bachelor's degree, Managerial Economics, Graduated June 2016

Technical Skills

Languages

Proficient: Java, C++, VBA

Currently Studying: HTML/CSS, JavaScript, C

Projects

Movie recommender website - Allows user to rate a subset of movies and generates recommendations/anti-recommendations based off correlations with all users. User can edit ratings, search movies, edit user profile, login/logout, and click link for each movie to be redirected to the corresponding IMDB page.

Technical Experience

Santa Rosa College

Computer Science Teaching Assistant

September 2017-December 2017

- Graded weekly student assignments written in C++ and assisted with general questions.
- Provided student feedback with recommended assignment changes/efficiency increases.

State Street Corporation

Fund Accountant, Senior Associate

June 2014-July 2018

- Saved over 1,700 hours and an estimated \$35,000 in resources during 2018 writing programs through VBA.
- Recruited for State Street at UC Davis career fairs and speak to candidates.

Coursework

Fall 2018

- Java: Accelerated OOP – Data structures, multi-threading, HTML, cookies, SQL
- Discrete Mathematics – Method runtimes, proof strategies, understanding efficiency

Spring 2019 (Planned)

- Modern Parallel Computing – Parallel architecture and algorithms
- Data Visualization – In depth study of visualization techniques
- Data Structures & Algorithms – Algorithm analysis such as sorting, searching, etc.