

Severin Field

sfie003@ucr.edu

University of California, Riverside

B.S. Applied Physics in Computer Science

sevdeawesome.github.io

Fall 2018 - Spring 2022

Cumulative GPA: 3.64

Relevant Classes Completed: Data Structures and Algorithms, Software Construction, Introduction to Artificial Intelligence, Data Analysis Methods, Database Management, Discrete Structures, Classical Mechanics 1 & 2, Electromagnetism 1 & 2, Quantum Mechanics 1 & 2, Thermal Physics, Electronics

Technical Skills:

Languages: **Python, Javascript**, C++, HTML, and CSS

Other skills: Node.JS, git and devops, numpy/pandas/matplotlib, JQuery, tensorFlow, sklearn, SQL

Relevant Experience:

Multi-Aspect Data Lab led by Dr. Vagelis Papalexakis

Undergraduate Research Assistant

Fall 2021-Current

Streaming multivariate timeseries data for the Laser Interferometry Gravitational Wave Organization (LIGO). Created a tool to cluster data over time to derive insights about evolving processes which can help characterize the state of the overall system, detect emergent behavior and find anomalous behavior for control room operators monitoring various sensors.

Lawrence Livermore National Laboratory

Data Science Challenge Participant

Summer 2021

Worked in a team of 4 undergraduate students, a graduate team lead, and an LLNL scientist mentor to produce an image classifier to distinguish stars from galaxies and produce a classifier to find asteroids within difference images of space. Doing so involved designing and optimizing neural networks created for image classification.

Men's Water Polo Club at UCR

President and Secretary

Winter 2018 - Spring 2022

Served as president of the Men's Water Polo Club for two years and one year as Secretary. Leading the team in practices, scrimmages and tournaments has taught me a lot about teamwork and leadership.

831Poker

Fall 2020

Created a multiplayer poker app with node.js and javascript with a friend. It is public on github [here](#) (1).

Sevnet

Summer 2017 - Summer 2018

Started and operated a small web-hosting reselling business called Sevnet in my junior year of high school after taking a web design class and learning about server management.

Minecraft Modding

Fall 2015 - Summer 2018

I coded small minecraft mods and modpacks and created public servers for fun. Received over 100,000 unique downloads. [Example 1](#) (2), [Example 2](#) (3), [Example 3](#) (4).

Upper Crust Pizza and Pasta

Summer 2020 - Spring 2021

Worked as a server at a local pizza restaurant.

Burn Hot Sauce

Summer 2018

During the summer in high school, I worked in a local hot sauce factory blending and bottling hot sauce.

1: github.com/sevdeawesome/831poker 2: technicpack.net/modpack/fusionfall-chaosfloorazhul.848473

2: technicpack.net/modpack/official-heroes-of-war-2.885444 4: technicpack.net/modpack/high-seas-pirates-united.1199885