

WALNUT CREEK, CA 94597
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SAM ZAFFANELLA

EDUCATION

2020 (Spring) **San Francisco State University** San Francisco, CA
Bachelor of Science, Computer Science

SUMMARY OF QUALIFICATIONS

- Experience in C++, Java, JavaScript/React Redux, Go and Python/Django Programming
- Good understanding of databases such as MongoDB and MySQL
- Adept in use of Windows, Linux/Unix, and Apple operating systems.
- Expertise in working with a team of people in order to efficiently achieve working objectives

PROFESSIONAL AND VOLUNTEER EXPERIENCE

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|--|-------------------|-------------------------|
| 2017-2017 | CVS Health | Walnut Creek, CA |
| <ul style="list-style-type: none">• Adept at point of sales operations. | | |
| 2020(present) | NCAPDA | Bay Area, CA |
| <ul style="list-style-type: none">• Website Support Manager for NCAPDA.org (WordPress w/ Elementor)• In charge of adding/updating information about new upcoming events involving prescription drug abuse awareness | | |

SCHOOL PROJECTS/EXPERIENCE

- Multiple complex java based games, such as a two-player tank fighting game
- Worked with a team to develop a JavaScript based pseudo-website that helps college student find an apartment or a place to live in San Francisco
- Developed another pseudo-website that allows users to read reviews of restaurants as well as businesses to post their own restaurants for review (similar to Yelp)
- Trained in using machine learning/AI algorithms such as tree search and Markov Decision Processes
- Programmed a simple robot using java to be able to automatically travel through a maze.

PERSONAL PROJECTS/EXPERIENCE

- Self-taught Python programming, with experience in Django to develop python-based websites
- Experience in usage of deepfake machine learning technology
- Recreated the classic Mine Sweeper game using java Jpanel
- Created a game called "Bubble Trouble" based off a flash game with the same name
- Made a real-time web application for playing Briscola, the classic Italian card game, using React, Socket.IO, Mongoddb, and more (<https://briscolacardgame.herokuapp.com>)

Most projects can be found on my GitHub at: <https://github.com/SamZaff>