

JESUS NARANJO

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EDUCATION

Tufts University, Massachusetts

Sept 2021 - May 2025

Bachelors of science in Computer Science

Bakersfield Community College, California

June 2019 - Jan 2021

Declared: AA in Computer Science

Relevant Courses:

Introduction to Computer Science(Python), Introduction to Computer Science(C++), Data Structures(C++), Discrete Mathematics

SKILLS

Languages: Spanish(Native speaker) and English

Programming Languages: C++, Python

Software / Tools: Linux, GitHub, Atom, VScode

RESEARCH EXPERIENCE

The Nathan S. Kline Institute for Psychiatric Research: Orangeburg, NY

June 2022 - present

Software Engineer

- Help with designing, executing and compiling the results for testing the benchmark scripts that assess the capabilities of spiking neuronal networks and there performance on a variety of standard machine learning tasks.

- Similar study: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0265808>

PROJECTS (ALL AVAILABLE IN GITHUB)

Simple reverse polish notation calculator, Data Structures, Tufts University

- Languages: C++

- https://github.com/Jn527fd/simple_calculator

- Built a simple calculator that uses stacks and vectors to compute simple processes like addition, subtraction, and multiplication, along with other operations.

MBTA subway simulation, Data Structures, Tufts University

- Languages: C++

- <https://github.com/Jn527fd/MBTA-simple-simulation>

- Built a simulation of one of the MBTA lines based on different data structures like vectors which, take in commands from a file or directly in the terminal, and more info in the README.

Personal Website, ongoing project

- Languages: HTML, CSS

- <https://github.com/Jn527fd/personal-website>

- Hosted and worked on a personal website to learn a bit about front-end development, especially how to host and update a website online and use it to host other projects in the future.

EXTRACURRICULAR

Nolop makerspace, Robotics club

Sept 2021 - Dec 2021

Builder and Manager

- Helped manage a team of builders and coders to finish a simple inclined bot that opened and close a hatch to participate in a battle bots event during the first semester of freshman year.

AWARD

- Dean's List(Fall 2021)