

Joe Rozo

Software Engineer

Joe Rozo

40 Mountain Springs Dr.
Santa Cruz, CA, 95060

707.299.8538

jrozo@ucsc.edu

joerozo.github.io

Education

UC Santa Cruz / Computer Science BS / Business Management Economics BA

3.28 GPA

September 2013 - June 2016, Santa Cruz, CA

Completed a Bachelors in Computer Science and a Bachelors in Business
Management Economics.

Napa Valley College / Math & Science AS

September 2009 - September 2013, Napa, CA

Completed an associates degree in Math & Science.

Computer Science Skills & coursework

Algorithm Analysis, Graph Theory, SQL, Java, C, C++, Python, HTML, CSS &
JavaScript, Web2Py, Django, Game Theory, Assembly Language
Programming(LC-3 & MIPS), Networking & Technology, Databases, Design
of Web Applications, Computational Models, Data Structures, Abstract
Data Structures, Discrete Math and Probability, DBMS, Artificial
Intelligence & Machine Learning.

Economics Skills & coursework

Intermediate Macro and Micro Economics, Applied Calculus,
Econometrics, Financial & Managerial Accounting, Managerial Economics,
Economics of Technological Innovation, Business Strategy.

Engineering

- Scrum and Agile methodology Software Development familiarity.
- *Languages* : Java, Python, Ruby, C++, SQL, HTML & CSS, JavaScript, LC-3, MIPS.
- Engineered programs of varying complexities from simple image manipulations to matrix calculators and environment simulations. Knowledge of data structures such as doubly linked lists and binary trees. Knowledge of Algorithm runtime, Graph Theory, and Computational Models (for algorithm modeling and natural language processing).
- Web2py and Django frameworks : Have utilized web2py and Django to complete certain web application design and expedite design process. Further familiarity with Git to collaborate in group coding projects.
- Database Construction (in C, & C++)
- *Currently Learning* : NoSQL, Ruby, Rails...

Economics

- Utilized intermediate Micro, Macro, and Managerial economics to analyze and conceptually execute technological and managerial economic business plans.

● Utilized econometrics for statistical analyzing of various economic concepts and business plans.

Work Experience

Engineer/Analyst

Macro Consulting Santa Cruz, CA, June 2016-present
Constructed virtual surveys (SSIWeb & QuestionPro). Launched and Maintained surveys and correlated information via inMotionHosting and mySQL. Analyzed survey generated data. Used jQuery, JavaScript, HTML and CSS to make surveys more interactive and maintain company website.

Construction

Noland Construction, Santa Cruz, CA, May 2014- June 2016
Shingling and framing, laying and removal of stucco, carpentry etc. Explicit attention to detail and careful project management. Worked closely to complete tasks. Large job construction.

Server

Gotts Napa & Palo Alto, CA, May 2014-present
Served food, worked as cashier and busser at gourmet restaurant in Napa and later in Palo Alto.

Server

Farmstead St. Helena, CA, 9/2012-9/2013
Served food and bussed at gourmet restaurant in St. Helena in Napa Valley.

Bellman

Avia Hotel Napa, CA, 9/2011-12/2012
Assisted guests with quality service and attention. Parked guests cars and guided them to room. Paid explicit attention to guests' needs and Requests. Functioned as a representative of sorts on behalf of the hotel.

Youth Coordinator

V.O.I.C.E.S. Napa, CA, 1/2009-12/2009
Co-created a program to better serve foster youth. Planned incentives, outings and different ways to support the youth and the surrounding community. Helped to create a more ideal atmosphere for the foster youth in Napa County.

Awards & Volunteer

-Recipient of the *Sam and Helen Szteinbaum Award in Business Management Economics*.

-Coordinator and Youth Advocate for *Smith Society* of UCSC. Volunteer work for foster youths and former wards of the court in scholastic encouragement and resources, tutoring, and life skills.