

# Joe Rozo

## Software Engineer

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### Education

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### Computer Science Skills & coursework

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### Economics Skills & coursework

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### Engineering

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#### Joe Rozo

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[joerozo.github.io](https://joerozo.github.io)

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#### St. Mary's California / Analytics MS

September 2016 - Present, Moraga, CA

Pursuing a Masters in Data/Business Analytics in a 1 year part time program, allowing for full time work and graduate studies.

#### 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.

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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.

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

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- Scrum and Agile methodology Software Development familiarity.
  - *Languages* : Java, Python, Ruby, C++, SQL, HTML & CSS, JavaScript, AngularJS, 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
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## 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.

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## Work Experience

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### 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. Developed market segmentation and product research plans via gathered data analytics.

### 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.

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## Awards & Volunteer

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-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.