



# Nathan Bracken

## 4th Year Undergraduate Student

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- 📍 1230 Ferry St. Unit 11, Eugene, Oregon 97401
- ☎ +1 949 861 1717
- ✉ nbracken@uoregon.edu
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## About me

Nathan is in his last year of his undergraduate studies pursuing a BSc of Economics with Minors in mathematics and business. Nathan specializes in econometrics and using R.

## About me

- I enjoy using econometrics to find correlations in data.
- I am interested in financial markets and the information associated with them.
- I enjoy the outdoors by cycling and snowboarding and I am passionate about locally sourced food.

## Education

- 2018-2022 B.Sc. Economics, Minors Math and Business University of Oregon  
Eugene, Oregon
- 2016-2018 High School Diploma JSerra Catholic High School  
San Juan Capistrano, California

## Some Important Courses

- 2020 Economic Forecasting. Learned how to analyze macroeconomic data and Federal Reserve announcements.
- 2020 Undergraduate Econometrics. Introduced to concepts of heteroskedasticity, autocorrelation, nonstationarity and using R.
- 2021 Economics Big Data. Got familiar with using Git, Google Cloud, both Dplyr and data.table, and working with very large datasets.
- 2021 Linear Algebra I. Introduced to the fundamentals of matrix algebra including row reduction, determinants, transformations, and subspaces.
- 2021 Probability Theory. Discrete and continuous probability models, expected value, covariance and variance properties, jointly distributed random variables.
- 2021 Master's Econometrics I. Furthered my comfort using R, linear regressions, randomized experiments, experimental design and more.
- 2022 Stochastic Processes. Random Variables over time.
- 2022 Linear Algebra II. Eigenvalues and Eigenvectors.
- 2022 Master's Econometrics II. Advanced modelling and 'Machine Learning' methods.

## Work Experience

- 2018 Delivery Driver, Jimmy John's. Helped make and deliver sandwiches to people.
- 2019 Bus Boy, Fisherman's Bar. Cleaned tables at an extremely busy restaurant.
- 2020 Former President, Current VP of Education, Business Operations and Technology Association, UO. Assisting Business students with learning programming in a business context.
- 2021 Supply Chain Analytics Intern, AbbVie. Utilized analytics skills helping create insights into the shipping logistics of Humira, Skyrizi, Aluvia, and other drugs.

## Awards and Scholarships

- 2018 UO Summit Scholarship. Awarded for good grades in highschool and high ACT score.
- 2021 Alanson H. Kleinsorge Economics Scholar. Awarded to an Economics Undergraduate Student that overcame significant challenges to find success in their later years of their undergraduate studies.
- 2021 Departmental Honors, Economics. Achieved a 3.6 GPA in upper division economics courses and completed research with the guidance of a professor.