

DYLAN BOLLARD

dylan-bollard.me ◇ Portland, OR 97219

541-604-6541 ◇ dbollard@pdx.edu

EDUCATION

Portland State University

September 2013 - Present

M.S. Econometrics (December 2021 completion)

B.S. Mathematics (August 2021 completion)

B.S. Quantitative Economics (August 2020 completion)

FIELDS OF INTEREST

Applied Econometrics, Microeconomic Theory, Sustainable Development, Game Theory and Mechanism Design

PROJECTS

"Economic Feasibility of Fleet Conversion for Portland Public Schools"

This project began as a term paper for a graduate class but has quickly turned into a much more important analysis of transportation electrification, and its impact on the Pacific Northwest. Our analysis sought to examine costs related to fleet conversion from diesel to electric buses for the Portland Public Schools district. The paper has been accepted at one economics conference so far, and we're waiting to hear back about more recent submissions.

Fleet Conversion Tool (R)

The previous project gave my co-author and I the idea to create an app for other school districts to use in order to assess their own fleet conversion projects. This is still in development, but will be available in 2020.

Food Insecurity Study at Portland Community College

I was asked by my statistics professor to help him analyze data collected on food insecurity surveys gathered at Portland Community College. Our job was to provide an interpretation, significance, and recommendation for the issue at hand as well as future studies pertaining to the subject. We presented to the President of Portland Community College in 2018.

TECHNICAL STRENGTHS

Software & Tools

MS Office, Latex, Git, R, Stata

Programming Languages

Unix Shells and Tools, C++, Basic Python, Vanilla HTML/CSS
on top of Jekyll/Liquid for personal website

WORK EXPERIENCE

Portland State University

September 2020 - Present

Graduate Assistant, Economics Department

- Worked in a TA capacity grading homework, exams, and papers for the following classes:
- Introductory [Microeconomics](#) / [Macroeconomics](#), Graduate [Resource and Environmental Economics](#)
- Offered office hours and tutoring to students from a variety of classrooms.
- Led exam review sessions to focus on individual comprehension of material.
- Ensured accurate reflection of student progress in weekly communications.

Portland Community College
Math/Economics/Statistics Tutor

October 2018 - June 2020

- Provided tutoring services in the Student Learning Center at the Sylvania campus for various subjects including all undergraduate mathematics, economics, statistics, and physics.
- Students visiting the center routinely reported positive feedback about my job performance. Several have suggested I teach the subjects that I tutor.
- Limited staffing on the weekends means a fast paced environment. The ability to explain complex topics in a reasonable amount of time was a key trait learned at this job.

Portland Community College
Teacher's Assistant, Mathematics Department

September 2018 - April 2018

- Worked in a TA capacity during lab hours to help students gain a stronger understanding of calculus.
- The same instructor invited me to TA for them for multiple terms.

ACADEMIC ACHIEVEMENTS

Awarded Graduate Assistantship for two successive years.

Had a term paper get accepted into the Western Social Sciences Association yearly conference. This paper was further developed last year with Dr. Woods at Portland State University.

Has successfully maintained a 3.87 GPA in graduate level coursework.

EXTRA-CIRRICULAR

Pursued Spanish as a second language during High School.

Consistently attend economics and mathematics seminars held at Portland State University and other conferences.

Volunteer at after school programs coordinating and demonstrating topics relating to economics, mathematics, physics, renewable energy, and common energy production practices.

Independently tutor students each term that have difficulty paying for normal tutoring services or cannot take advantage of tutoring services at their respective universities. All of this tutoring is for free. I truly enjoy helping people meet their academic goals.

PERSONAL TRAITS

Highly motivated and eager to engage in new topics of interest.

Strong motivational and leadership skills.

Ability to work as an individual as well as in group settings.

Substantial work ethic and attention to detail.

Learns at a very fast pace.

Exceptionally organized.