Alden Porter

(207) 256-0798   ✉ porteralden@gmail.com   ⚲ alden-p

🌐 www.aldenporter.com

Education

Boston University   **Boston, MA**
Ph.D. in Economics   *Fall 2016 - Spring 2022 (anticipated)*
- Quals: Micro, Passed; Macro, Distinction. Fields: Labor Economics and Macroeconomics.

London School of Economics and Political Science   **London, England**
The General Course   *2014 Academic Year*
- GPA: 3.75/4; Courses: Game Theory, Industrial Organization, Econ History of China, Intro to Econ History.

Rochester Institute of Technology   **Rochester, NY**
Undergraduate   *Fall 2012 - Spring 2016*
- BS in economics; minors in math and Mandarin; *Summa Cum Laude*; Outstanding Undergraduate Scholar.

Teaching experience

Boston University Summer Challenge   **Boston, MA**
Instructor   *Summer 2021*
- Taught an original course in game theory geared towards high-school students. Designed course syllabus, constructed and graded assignments, prepared and gave lectures.

Boston University   **Boston, MA**
Teaching Fellow   *Fall 2018 - Spring 2021*
- Held and organized classroom sessions for both micro and macroeconomics courses.
- Managed other TFs, provided guidance, scheduling coordination and conflict resolution.

Intercultural Community Center   **Portland, ME**
Math Instructor   *Summer 2016*
- Worked as a mathematics instructor for English Language Learners grades 3-9. Designed and taught 3 different courses geared towards different grades levels.

RIT Academic Support Center   **Rochester, NY**
Lead Math Tutor   *Fall 2013 - Spring 2016 (not active while at LSE)*
- Helped students with linear algebra, multivariable calculus, statistics, real analysis, differential equations, and proofs.
- Supervised and provided guidance to other tutors.

Work Experience

Boston University   **Boston, MA**
Research Assistant, Pascual Restrepo   *Winter 2018*
- Used aggregate instrumental variables to causally estimate trends in industry learner markups.
- Used GMM modeling to estimate production elasticises of variable inputs.

Boston University   **Boston, MA**
Research Assistant, Tarek Hassan   *Fall 2017 - Spring 2018*
- Helped to construct a measure of political risk using natural language processing/machine in Python.
- Analyzed impact of currency risk on country level capital flows.
- Constructed a data-set on dollar based spot exchange rates with datastream.

Competitive Energy Services, (via Blackstone Innovate for Maine)   **Portland, ME**
Analysis Intern   *Summer 2014*
- Constructed a petroleum spot price tracker using Bloomberg data.
- Improved client outcomes through cost analysis of green energy usage schemes.
- Gave reports on the state of the macro-economy to the analysis team.

Great Works Internet, (via Blackstone Innovate for Maine)   **Portland, ME**
Intern   *Summer 2013*

- Conducted market research on competing firms in the broadband industry.
- Tracked broadband usage by detailed geographic region in excel.

Projects, Activities, and Volunteering

Musical AI   *Spring 2018 to Present*
- Developed a program which uses machine learning to write original pieces of music.

Widening Participation Student Mentor, London England   *Fall 2013 to Spring 2014*
- Volunteered with a program that serves underprivileged schools and students in the UK.

RIT Economics Club   **Rochester, NY**
Co-founder and President   *Fall 2013 - Spring 2016*
- Organized club meetings and designed meeting content.
- Helped secure financing and navigate administrative challenges for club's creation.

Computer Skills

- **Programming Languages** *Advanced:* Python (including Pandas, Numpy, Scikit-learn, Matplotlib, Regex, bs4), STATA, LaTeX. *Intermediate:* html, julia, R, MATLAB, SQL.
- **Proficiencies** Linux, Windows, Mac, Google Docs, bash, vim, Office, git (command line), Slack, Zoom, Trello, Blackboard, Data Science, Machine Learning, Parallel Processing.

Research

Alden Porter. Generalized measurement error and occupational misclassification. *Working Paper*, 2020.

Alden Porter. Finding the right fit: How skill mismatch impacts wage growth. *Working Paper; Job Market Paper*, 2021.

Alden Porter. Optimal freedom dividends in a model of search and skill. *Work In Progress*, 2021.

Alden Porter. Product market power and distortions in the skill distribution. *Work In Progress*, 2021.

Alden Porter and Amitrajeet A. Batabyal. Physical capital mobility, the educational and quality aspects of creative capital, and output production. *Regional Science Policy and Practice*, 8:pp. 167–175, 2016.

Alden Porter and Stefano Pica. A textual analysis of ecb statements. *Work In Progress*, 2021.