

Alec Stashevsky

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Education

Reed College, B.A. in Mathematics-Economics
Commendation of Excellence (top 10% of class)
San Marino High School

Class of 2019
2016, 2017, 2018
Class of 2015

Work History

- Research Associate - NERA Economic Consulting 9/2020 - Present
- Structured Finance, Product Liability, Mass Torts, and Bankruptcy
- Research Analyst - The Cadmus Group, Inc. 11/2019 - 9/2020
- Primary data analyst evaluating a \$600k+ demand-side management study designed as an RCT to quantify the impacts of smart thermostat direct load control events. Forecast potential electric vehicle market penetration and develop an interactive dashboard for stakeholders using R Shiny. Developed models for potential energy reduction, demand elasticity, and electrification for large energy suppliers and regulators.
- Data Analyst (Freelance) - Kyrgies.com 10/2019 - 1/2020
- Led a project investigating optimal advertising strategies for an online retailer by supplementing Google Analytics and sales data to perform geo-spatial analysis, market research, and ultimately lead generation.
- Project Intern - Kauffman Wealth Management, Inc. 7/2019 - 10/2019
- Developed an interactive dashboard to help financial advisors navigate bear markets and contextualize historical data using Shiny, a web application package for R.
- Teaching Assistant & Tutor - Reed College 8/2016 - 5/2019
- Motivate problem solving and evaluate coursework for Probability, Statistics, Linear Algebra, and Economics; Coding support for R; Large review classes and tutoring.
- Compliance Officer - Plaid Pantry 8/2018 - 1/2019
- Ensured Oregon Liquor Control Commission compliance over 105 retail locations; Design and Implement company-wide compliance policies.
- Systems Administrator - IRN Realty 6/2013 - 7/2015
- Oversaw all IT systems across two locations; LAN/WAN/NOC/NAS Administration; Coordinate business-wide IT projects and a team of up to 6 people; Manage 100+ workstations, network infrastructure, servers, MFPs, and PBX phone systems; Managed VPNs Network protocols; Design and Installation of multi-room speaker/projection system; Large/One-on-one technology instruction catered to realtors; New-hire training

Publications

- Wortzel JR, Stashevsky A, Wortzel JD, Mark B, Lewis J, Haase E. Estimation of the Carbon Footprint Associated With Attendees of the American Psychiatric Association Annual Meeting. *JAMA Network Open*. 2021;4(1):e2035641. [doi:10.1001/jamanetworkopen.2020.35641](https://doi.org/10.1001/jamanetworkopen.2020.35641) 1/2021

Software

Author and maintainer of R package `{blocklength}` - a package for optimizing the block-length parameter of a dependent bootstrap procedure (the block-bootstrap). Available on CRAN and at my [GitHub](#). 1/2021 - Present

Organizations

Group for the Advancement of Psychiatry (GAP), Climate Committee 6/2020 - Present
 GAP is a think tank of top psychiatric minds whose thoughtful analysis and recommendations serve to influence and advance modern psychiatric theory and practice.
 I am a resident statistician supporting climate related research.

Grants & Thesis

The American College of Obstetricians & Gynecologists (ACOG) Grant Awarded Sept. 2018
 • Compiled database to streamline communication between ACOG administration and district IX hospitals.
 Senior Thesis: “Domestic Remittance in China: Rural—Urban Migration’s Trail of Inequality” May 2019
 • Research through Chinese Institute of Income Distribution, Beijing Normal University and Reed College. Advised by Heather Kitada, PhD and Nicholas Wilson, PhD.

Skills & Abilities

Statistical Programming and Data Analysis
 R (Advanced), Stata (Advanced), SAS (Advanced), Excel (Advanced), Python (Intermediate), SQL (Apache Hive/Impala), Apache Spark (Intermediate), GNU Octave (Intermediate), Git/GitHub, Google Analytics, Google Search Console
 Office Suites & Typesetting
 MS Office, G Suite, LaTeX
 IT Administrative
 SharePoint, Microsoft Server, Symantec Deep Freeze, Norton Ghost, Clonezilla

Relevant Projects & Coursework

Markov Chain Monte Carlo (MCMC) Metropolis-Hastings Algorithms for Bayesian Estimation May 2018
 Gibbs Samplers to Address The Change-point Problem May 2018
 Presentation: “TPP in Reality: Inequality and Labor Force Regulations” May 2018