Alec Stashevsky

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Education

Reed College, B.A. in Mathematics-Economics	Class of 2019
Commendation of Excellence (top 10% of class)	2016, 2017, 2018
San Marino High School	Class of 2015

Work History

Research Associate - NERA Economic Consulting — 9/2020 - Present
- Structured Finance, Mass Torts, Bankruptcy, and Cryptocurrencies

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 — 1/2021

__Software__

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

__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