Arielle Dror

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Education

Smith College, Northampton, MA — Anticipated Graduation: May 2020
Majors: Statistical & Data Sciences and Government
GPA: 3.41/4.0
Honors: Mu Sigma Rho (National Statistics Honor Society)

Academy for Information Technology, Scotch Plains, NJ — September 2012-June 2016
GPA: 92.3/100
Honors: High Honor Roll, Honor Roll, National Honor Society, Spanish Honor Society, New Jersey Scholars Program 2015 Semifinalist

Experience

Incoming Applied Data Science Intern, *Civis Analytics,* Washington D.C. June 2019-August 2019

Civic Data Science Intern, *Civic Data Science REU,* Georgia Institute of Technology May 2018-December 2018

- Conducted interdisciplinary research regarding the quality of electric vehicle charging infrastructure in the United States
- Conducted statistical analysis, created data visualizations, and contextualized results within a public policy framework
- Communicated progress and results of research through various mediums (oral and written weekly updates, capstone poster and presentation)
- Co-authored a paper that is undergoing journal review process

Information Technology Consultant, *Information Technology Services,* Smith College September 2017-Present

- Troubleshoot and resolve all issues relating to campus hardware and software for faculty, staff, and students over the phone and in person
- Perform maintenance tasks on campus computer systems

Gold Key Tour Guide, *Office of Admissions,* Smith College November 2018-Present

- Volunteer to show prospective students, applicants, and their families around campus and communicate my experiences and the mission of the college
- Avail myself to answer questions about academics and student life on campus

Poster Presentations

- Kevin Alvarez, Emerson Wenzel, **Arielle Dror**, Omar Isaac Asensio. Evaluating electric vehicle user mobility data using neural network-based language models. Transportation Research Board Annual Meeting, Washington, D.C., January 2019
- Kevin Alvarez, Emerson Wenzel, **Arielle Dror**. Popular sentiment of U.S. electric vehicle drivers. IEEE MIT Undergraduate Research Technology Conference, Cambridge, MA, October 2018

Projects

Measuring Fatigue in Professional Athletes, *2019 Five College ASA Datafest,* University of Massachusetts

- Awarded Best in Show (1st Prize) for analysis of measurement of fatigue in women's rugby players
- Used GPS data from gameplay to identify moments of contact and lateral movement to quantify player exertion during matches

Certifications and Technology Skills

Programming Languages: R, Python, Java, SQL
Software: Tableau, ArcGIS
CompTIA A+
Microsoft Office Suite (Word 2010, Word Expert 2010, Excel 2010, Outlook 2010, PowerPoint 2010)