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)