Devin Barkey

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EDUCATION

Vanderbilt University, Nashville, TN   **May 2020**
Bachelor of Science, Engineering Science/Mathematics
Concentrations in Electrical Engineering and Applied Mathematics
Cumulative GPA: 3.64 (4.0 scale)

Relevant Coursework: Prison Life, Introduction to Data Science for Politics, Program Design and Data Structures for Scientific Computing, Introduction to Numerical Mathematics

EXPERIENCE

Bluebonnet Data, Remote   **July 2020-Nov. 2020**
Political Data Fellow & Tech Fellow
- Served as a volunteer data analyst for La Habra, CA, city council candidate
- Developed a COVID case number tracker for La Habra, CA, using shiny and plotly in R

Vanderbilt University Athletics, Nashville, TN   **Sep. 2018-May 2020**
Mathematics Tutor
- Led weekly one-on-one or small group tutoring sessions with assigned student-athletes
- Assisted in developing mathematics-focused studying plans and test-taking skills

Organizing Corps 2020, Fort Lauderdale, FL   **Summer 2019**
Field Organizer
- Created phone banks and canvassing turf using VAN Votebuilder
- Managed and trained volunteers to register voters in Broward County

Office of the State Attorney, West Palm Beach, FL   **Summer 2017**
Intern, Felony Division/Legal Affairs and Appeals Division
- Pioneered project to sort and archive hundreds of violation of probation case files
- Prepared records on appeal for use in post-conviction motion responses

ACTIVITIES

Vanderbilt Prison Project   **Aug. 2018-May 2020**
- Partnered with criminal justice organizations in the Nashville community
- Personally drafted two student government resolutions in support of a wrongfully incarcerated man that successfully led to his release on parole

PROGRAMMING

IBM Data Science Professional Certificate, Coursera   **Apr. 2021**

Python	**R**
Libraries: numpy, pandas, matplotlib, scikit-learn	Packages: tidyverse, shiny
Tools: JupyterLab/Notebook, Spyder	Tools: RStudio

Other Languages: SQL, MATLAB, LaTeX, Markdown