

Devin Barkey

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EDUCATION

Vanderbilt University, Nashville, TN

May 2020

Bachelor of Science, Engineering Science and Mathematics

Concentrations in Electrical Engineering and Applied Mathematics

Coursework: Introduction to Data Science for Politics, Introduction to Numerical Mathematics, Nonlinear Optimization, Program Design and Data Structures for Scientific Computing, Advanced Linear Algebra

EXPERIENCE

Bluebonnet Data

July 2020-Present

Political Data Fellow, Tech Fellow

- Trained on political data methods such as how to work with census data, voter files, and VAN
- Serve as volunteer data analyst for Peter Cruz for La Habra City Council and technical support for Florida state legislative and municipal races in the 2020 general election cycle

Vanderbilt University Athletics, Nashville, TN

Sep. 2018-May 2020

Mathematics Tutor

- Collaborated with student-athletes to help them succeed in mathematics courses
- Adapted teaching methods to match each student's learning style

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

ACTIVITIES

Vanderbilt Student Volunteers for Science

Jan. 2017-May 2020

Team Leader (Sep. 2017-May 2020)

- Organized team of four students to teach science lessons at local middle schools
- Explained advanced scientific concepts in simpler terms

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

TECHNICAL SKILLS

Languages: Proficient in Python (pandas/matplotlib/scikit-learn), R (tidyverse/ggplot2/shiny), and MATLAB

Computing: Proficient in Microsoft Office (including Excel), G Suite, and Zoom

INTERESTS

Reading: *Zero: The Biography of a Dangerous Idea* by Charles Seife

Watching: Re-watching *The West Wing* to escape the current political reality

Doing: Staying in touch with high school and college friends by playing video games and scheduling Zoom calls