

## Brian David

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### EDUCATION

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#### THE GEORGE WASHINGTON UNIVERSITY

Washington, D.C.

#### Bachelor of Science in Statistics, Minor in Computer Science

May 2021

- Relevant Coursework: Software Engineering, Data Structures and Algorithms, Database Systems, Introduction to Mathematical Statistics, Data Mining

### WORK EXPERIENCE

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#### The George Washington University School of Business - Decision Sciences

Washington, D.C.

#### Administrative Intern

October 2017 – May 2020

- Completed assigned tasks using Microsoft Excel for smooth classroom instruction and administrative operations.
- Conduct assembling, photocopying, and filing of materials to ensure graduate student satisfaction and office optimization.
- Answered phone calls to effectively communicate mandatory requirements for graduate students.

#### Maureen Erwin Consulting

Orinda, CA

#### Summer Intern

June 2018 – August 2018

- Strengthened political campaign efforts for CA- 22 by identifying and inferring patterns in precinct-voter data.
- Designed data visualizations and infographics that summarized and mapped voter data by state and county.
- Enhanced the campaign decision-making process by constructing dashboards and writing reports used for online distribution.

### PROJECTS

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#### Predator Prey Simulation

- Implemented a Java GUI that visually models simple interactions between predator and prey animal objects.

#### USGS San Francisco Bay Water Chlorophyll Analysis

- Used Pandas, Matplotlib packages to explore and visualize the concentration of Chlorophyll with other chemical/compound constituents found across the S.F. Bay.
- Used Folium to produce HTML Maps that illustrate changes in Chlorophyll concentration from 2014 to 2018.

#### Devin Nunes Political Infographics

- Used Tableau to create infographics of Congressman Nunes' political issues and their effect on the Californian economy and trade.

### SKILLS/ACTIVITIES

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**Technical:** Python, Java, Tableau, MS Office (Excel, Word), SQL (Familiar)

**Interests:** Data Analysis; Data Visualization

Co-President, GW Data, Washington D.C., May 2020 - Present

Communications Chair, Delta Lambda Phi, Washington D.C., December 2019 - Present

Chief Technology Officer/Python Workshop Instructor, G.W. Data, Washington D.C., May 2019 – April 2020

Vice President of Communication and Outreach, G.W. Data, Washington D.C., May 2018 – May 2019

Director of Attendance, Alpha Kappa Psi - Beta Mu, Washington D.C., May 2018 – December 2018

Director of Records, Alpha Kappa Psi - Beta Mu, Washington D.C., January 2018 - May 2018