

**EDUCATION**

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**The Ohio State University**, B.A. in Economics with Political Science Research Distinction; Major GPA: 3.1 *Expected Graduation May 2022*  
Received National Buckeye Scholarship, Undergraduate Research Apprentice Grant, Undergraduate Research Scholarship

**SKILLS**

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**Data:** Python (Selenium, Pandas, NLTK, SpaCy, Dask), PowerBI, Tableau, HDF5, R  
**Cloud:** AWS, GCP, Azure, MongoDB, SQL, VM's, IAM, Docker, Google Admin  
**Web:** JavaScript, NodeJS, Bootstrap, HTML5, PHP, CSS, WordPress, SEO  
**Business:** VBA Scripting, Access, SharePoint, Google App Scripts  
**General:** Git, UNIX, Networking, Java, Design Thinking  
Project Management, Digital Transformation

**WORK EXPERIENCE**

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**The Ohio State University Political Science Department**, *Technical Project Manager* Columbus, OH (May 2020 - Present)

- Negotiated a partnership with LexisNexis to implement Legal API Solutions and secured Google Cloud Academic Research Grant
- Lead a team of 4 developers to generate data visualizations and provide 3 Professors with new insights using SCRUM methodology
- **Supreme Court Amicus Curiae Networks**-Scraped, processed, organized Supreme Court Journals (1946-2012) into a MySQL database; Created over 60 data visualizations in Tableau for "Time, Place and Scope: A Journey through the U.S. Supreme Court and its Friends," presented as a poster at 2020 POLNET/PACSS Conference & as a conference paper at Southern Political Science Association 2021
- **Congressional One-minute Speeches**-Utilize NLTK, SpaCy, and other text analytics methods to track populism and partisanship in Congress

**Crowe, LLP- NetSuite Cloud Services**, *Business Technology Intern* Chicago, IL (June 2021 - August 2021)

- Created custom workflows, configured reports and implemented saved searches for inventory and vendor management in NetSuite
- Worked with Client leadership to design and build an Excel VBA enhancement to reduce reporting time by 50 collective weekly hours
- Developed a MS Access/SharePoint /PowerBI solution for internal KPI's by utilized Design Thinking and Technical Debt Reduction concepts

**Singularity University**, *Software Developer* Remote (May 2020 - December 2020)

- Co-Authored a white paper on Algorithmic Bias for corporate members and implemented front end features for related PHP and R app
- Developed and maintained 2 internal data applications written in R Shiny for membership tracking and domain expert recommendation

**Code Ninjas**, *Instructor-Sensei* Oswego, IL (April 2019-August 2019)

- Taught Scratch and JavaScript to 7–14-year Olds and organized effective software and file management for 30 computers

**Weblinx Inc.** *Web Development Intern* Oswego, IL (June 2018-May 2019)

- Enhanced and optimized over 30 WordPress sites for various local clients in an Agile setting using PHP, SCSS, JS, and cPanel

**LEADERSHIP EXPERIENCE**

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**OSU Big Data Analytics Association**, *President, Exec. Board Liaison* Columbus, OH (January 2020 - Present)

- Work with industry & faculty stakeholders alongside an executive board of 14 students to carry out 8+ unique initiatives to improve the stature of Ohio State's Data Analytics program and inspire 150+ active members and 350+ students through workshops, networking and an in-house research lab with premium research APIs; Held membership steady and doubled the number of events during online semester
- **Project Data Mastery**- Developed and held 30 hours of Data Analytics Zero to Hero educational workshops for 110 enrolled students. Workshop curriculum is being used to train graduate students enrolled in Master Program in Data Analytics
- **Open Data Insights and Narrative Research Lab** – Launched labs housing 30+ students to provide data analytics support for faculty conducting research in Political Science Department, Fisher School of Business, and corporate clients
- Led a team of 4 and set up AWS infrastructure as the Data Lead in the Quantitative Finance sub-club for 10 months

**See3D, Inc.** *Head of Strategy and Operations* Columbus, OH (January 2020-December 2020)

- Worked with the leadership and founders of the See3D nonprofit organization to develop long term strategy and board governance
- Developed partnerships and best practices with industry leaders to organize printing & distribution of 3D printed models for blind.
- Implemented 501(c)(3) nonprofit services from various vendors and partners including TechSoup, Google Ads and Google Administrator
- Created and executed a plan to hire and onboard a team of 12 volunteers in marketing, analytics, and educational guide departments

**Kendall County Democrats**, *Volunteer Web Developer- Youth Organizer* Oswego, IL (September 2018-December 2018)

- Redesigned WordPress website, implemented SEO, and Google Analytics to reduce website latency by 70%; Led a team of 10 volunteers

**Oswego High School Robotics**, *Programming Lead, Mentor* Oswego, IL (September 2017-May 2019)

- Led web app development team of 9 to scout and track Robotics teams at competitions, provide real-time analytics and match prediction with 98% confidence; Qualified for world championships 2017-2018; Mentored 60+ 6<sup>th</sup>-12<sup>th</sup> graders in programming for 4 years