

TOM SHARP

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PROFILE

Self-taught data scientist with a background in engineering and consulting. Skilled in data analysis/visualization, analytics product design, and business acumen. Constantly curious and dedicated to continually learning and growing outside of comfort zone. Looking for an opportunity to leverage multi-disciplinary skill set in a fast-paced and challenging environment.



WORK EXPERIENCE

Lead Data Scientist 09/2018 – present
Deloitte Consulting

- Developed a customized, multi-view dashboard using Python (Plotly Dash) to generate staffing forecasts for a Federal agency's personnel across 450+ U.S. locations
- Led the strategic planning and prioritization of key application functionality, and implemented standard practices (Git, Kanban) to accelerate development team's productivity
- Led the redesign of the end-to-end analytics process of the application several times, increasing application efficiency, UI/UX design, and core analysis techniques

Data Scientist 09/2018 – 04/2019
Deloitte ContextEdge
(<https://www.contextedge.ai>)

- Developed a production-level NLP application utilizing core technology of Deloitte's ContextEdge
- Utilized NLP to analyze 180 field reports from a federal agency within DHS, which led to identifying violations of compliance by several corporations
- Aided in the Agile development life cycle practices including developing user stories, code reviews, and using proper large-scale team version control (GitHub/GitLab)
- Competed in firm-wide data "hackathons" to incubate rapid prototypes and solutions using data visualization and NLP platforms

Consultant 07/2016 – 09/2018
Deloitte Consulting

- Managed and built several key relationships, for both technical and business-focused clients, becoming the "go to" adviser and point-of-contact
- Delivered several recommendations to executive-level clients which resulted in key decisions on enterprise-level strategy



EDUCATION

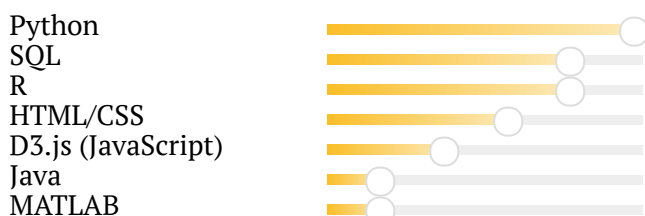
Master of Science, Analytics 08/2019 – present
Georgia Institute of Technology

Honors Bachelor of Chemical Engineering 08/2012 – 05/2016
University of Delaware

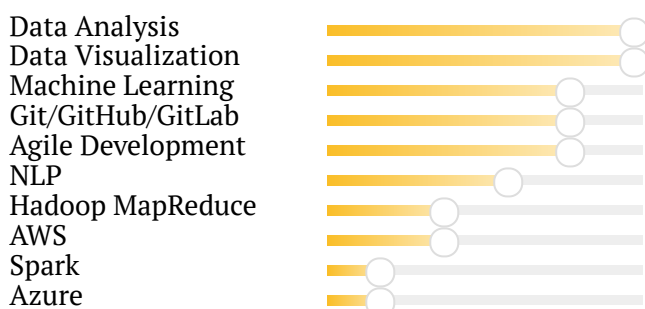


SKILLS

Computer Languages



Technical Skills & Techniques



PROJECTS

BeerMe 09/2019
<https://beerme-dash.herokuapp.com/>

An exploratory recommendation system for the Untappd app.

SenateGraph 12/2019
<https://senategraph.herokuapp.com/>

Using NLP (topic modeling, text classification), Graph Analytics, and public data on both Reddit and Twitter, we built a visualization application showing each U.S. Senator's stance on the political topics of today.