

ADVAITH VENKATAKRISHNAN

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PROFESSIONAL EXPERIENCE

MINITAB– New York, NY

Sep. 2020 - Present

Senior Data Visualization Engineer

Actively collaborate with stakeholders, developers, and designers to strategize and create feature requirements to improve existing BI tools. Develop prototypes to test new initiatives and improve usability. Mentor junior developers in a paired programming style to increase ramp up time. Consistently generating new ideas and taking initiatives to mock and experiment data visualization prototypes and guide them to production.

Notable Contributions:

- **Composed Dashboard Gap Analysis** to compare and rank existing product features against market leaders.
- **Improved Developer Experience** by introducing unit test framework and supporting UI component library.
- **Prototyped Unique Exploratory Factory Visualization** to identify areas of improvement across plant hierarchy.
- **Prototyped Next Gen Dashboard App** to integrate Minitab ecosystem with capabilities like selective filtering, dynamic chart generation, and page variables using latest tech to produce fast and performant dashboarding.

BLACKBOARD INSURANCE– New York, NY

Dec. 2019 to Aug. 2020

Data Visualization Engineer

Designed and developed custom dashboards while implementing new features and tuning visualizations for several departments within the company. Works collaboratively with stakeholders across operations, broker relations, risk management, and claims data and collects important feedback that informs decision making and implementations for new technology development and integrations.

Notable Contributions:

- **Worked collaboratively with underwriters and broker distribution leads** to create and build a dashboard that allows brokers to compare deals, aggregate data, and access custom visualizations.
- **Built high fidelity custom visualizations** to track and monitor individual accounts across the insurance pipeline which helped informed business decision making.
- **Researched and analyzed the best business intelligence tools for the company.**

FACTSET RESEARCH SYSTEMS– New York, NY

Jul. 2018 to Nov. 2019

Software Engineer

Contributed significantly as a member of 2 teams, including an interactive charting team and a component API team. Successfully developed a component based API for retrieving generic financial reports in a raw, clean data format. Triaged and investigated client issues, bugs, and enhancement requests. Addressed all issues, completed bug fixes, and made enhancements which improved client satisfaction.

Notable Contributions:

- **Ported a condensed version of desktop financial charting to a mobile format** which improved overall performance by 50%

EDUCATION

BACHELOR OF SCIENCE (BS), COMPUTER SCIENCE– GEORGIA INSTITUTE OF TECHNOLOGY

Aug. 2014 to May. 2018

Data Visualization Researcher

Designed and developed interactive charts and tutorials for the new data visualization lab as part of a promotional effort. Created user guides to help students and faculty learn Tableau, ArcGIS, and RStudio in the lab.

Notable Contributions:

- **Held multiple workshops for over 100 students** and taught d3 techniques and provided tip on how to produce clean and custom graphs.

Teaching Assistant

Led weekly lectures for over 50 students and taught media manipulation and other computing concepts in the Python programming language. Organized and held office hours for students in order to help them reach their goals, review their work, and provide additional assistance.