

# ADVAITH VENKATAKRISHNAN

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## PROFESSIONAL EXPERIENCE

**CENSYS** – New York, NY

Jan 2025 to Present

### *Engineering Manager*

Lead high-urgency, high-visibility initiatives in cybersecurity, data analysis, and AI. Manage and grow a team of engineers, shape product direction, and deliver customer-facing features that directly impact revenue.

#### Notable Contributions:

- **Led execution of Threat Hunting**, a high-revenue initiative, delivering a new module in 2 months by aligning 6 engineering teams, research, and sales to support GTM demos and drive customer interest at RSA
- **Grew and coached a team of engineers** across frontend, backend, and AI; introduced onboarding rituals and ownership models to reduce silos and encourage leadership from ICs
- **Champion company-wide AI adoption** in support of the CTO's vision—prototyped AI-powered features and introduced tools like Cursor to accelerate engineering workflows and showcase product potential

**CENSYS** – New York, NY

May 2022 to Dec 2024

### *Staff Software Engineer*

Led frontend development of Censys' platform, delivering high-impact features with cross-functional teams.

#### Notable Contributions:

- **Creator and maintainer of internal data visualization library** written in d3 and react for composable graph elements to create custom reports and dashboards
- **Drive successful project delivery** across four reports, three dashboards, and dozens of client facing features by organizing product work, scheduling user acceptance testing, and reducing the feedback loop with design
- **Built a highly flexible reporting framework** that streamlined operations and facilitated custom dashboards

**MINITAB** – New York, NY

Sept 2020 - May 2022

### *Senior Data Visualization Engineer*

Partnered with stakeholders to define features for BI tools; drove data viz prototypes from concept to production through ongoing experimentation and iteration.

#### Notable Contributions:

- **Composed Dashboard Gap Analysis** to compare and rank existing product features against market leaders
- **Prototyped Unique Exploratory Factory Visualization** to identify areas of improvement across plant hierarchy
- **Prototyped Minitab BI Tool** integrating selective filtering, and dynamic chart generation.

**BLACKBOARD INSURANCE** – New York, NY

Dec 2019 to Aug 2020

### *Data Visualization Engineer*

Built custom dashboards and optimized visualizations across multiple departments.

#### 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

## EDUCATION

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

Aug 2014 to May 2018

### *Data Visualization Researcher*

Developed interactive charts and tutorials to launch a new data visualization lab. Taught D3 workshops to 100+ students and created user guides for Tableau, ArcGIS, and RStudio.

### *Teaching Assistant*

Taught weekly lectures on Python and media manipulation to 50+ students; held office hours to support learning and review student work.