

## Professional Experience

 | New York, NY

**Staff Software Engineer - Social, News, & Live** (April 2023 - Present)

Previously: Senior SWE (2018-2023), SWE III (2016-2018), SWE II (2015-2016)

- Manage a team focused on building core services and infrastructure that provide fresh and relatable content from the web to a wide range of Google products, including Gemini, Discover, Maps, and new LLM-based experiences in Search.
- Led 30+ full-stack engineering and cross-functional contributors to launch the newest version of Search in Google News.
- Led effort to surface COVID-19 news in Google web search.
- Led full-stack engineering and cross-functional team in revamp of Top Stories in Google web search.
- Led efforts to improve news query understanding, aiding core retrieval/ranking and our ability to develop richer news experiences.
- Extensive history of cross-functional work with Product Management, UX, and UXR, in addition to building consensus across opinionated senior engineering leadership.
- Expertise in data-driven development and decision making, leveraging live traffic A/B tests, rigorous quality analysis, and partnerships with UX researchers conducting qualitative user feedback studies.

**Galatea Associates** | Somerville, MA

Software Development Intern (Summer 2014)

- Prototyped a modern stock-position keeping system in Node.js for a large financial institution.

**MIT Lincoln Laboratory** | Lincoln, MA

Computing and Analytics Intern (Summer 2023)

- Built MapReduce pipelines and web-based visual exploration tools for large geospatial datasets.

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## Leadership & Mentorship

- Co-chair of the Google News DEI Championship program
- Member of the inaugural Google "Leading for Liberation" cohort (with The Adaway Group)
- 8x Google Engineering Residency career panel speaker
- 5x Google Engineering Residency host (100% full-time conversion rate), 5x summer intern mentor

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## Education

**Tufts University** | Medford, MA

- **B.S. in Computer Science, Summa Cum Laude**
- **Extracurriculars:** Visual Analytics Lab @ Tufts, Men's Fencing Team Captain

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## Technical Skills

- **Programming Languages:** C++, Java, Python, ES6, Ruby, Golang, Erlang
- **Data Analysis:** Google Colaboratory, Jupyter Notebooks, SQL
- **Web Frameworks:** React, Rails 6, Node.js
- **Serialization Formats:** Protobuf, JSON, XML
- **Core Web Technologies:** HTML5, CSS3
- **Build Tools:** Bazel, Maven
- **VCS:** Git, Mercurial, Perforce, Subversion