Rory Eagan

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Software Engineer | Georgetown / Johns Hopkins | New York, NY | (203) 979-7523 | rory.eagan@gmail.com

SUMMARY

Software Engineer with 5 years of experience architecting and developing web applications. Proven track record of collaborating with cross-functional teams to transform complex economic data into interactive user experiences. Skilled in full-stack development with a focus on clean architecture and product ownership.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, React, Angular, D3.js, Python, Java, SQL, HTML, CSS/SCSS, Node.js, Express

Tools & Cloud: AWS Certified Solutions Architect (SAA-C03), Git, Vite, Jenkins

EDUCATION

Johns Hopkins Masters, Computer Science — Graduating Dec 2025

Georgetown University Bachelor's Degree, Computer Science; Bachelor's Degree, Economics — 2017

EXPERIENCE

Software Engineer (Contract) - DataAnnotation 2024 - Present

- Train code-generation LLMs and CLI-based coding agents by engineering robust reference solutions and unit tests in TypeScript, Python, and Java.
- Evaluate model outputs for correctness, security, and performance, designing adversarial test cases to expose edge cases and logic flaws while authoring technical fixes.

Federal Reserve Bank of New York Software Developer II 2019 - 2022

- Engineered interactive data visualizations and multimedia dashboards for the Research and Statistics Group, transforming complex economic datasets into accessible web experiences using React and D3.js.
- Partnered with economists and UX designers to architect frontend solutions for high-visibility reports, owning the full development lifecycle from requirement gathering to deployment.
- Optimized application performance and cross-platform compatibility, ensuring seamless delivery of statistical content to internal and external stakeholders.

Thesys CAT Software Developer 2018 - 2019

- Designed and developed the consolidated audit trail query portal for the SEC using Angular, TypeScript, and Sass.
- Wrote comprehensive unit tests using Jasmine and end-to-end tests with Protractor, while managing a Git-based workflow with Jenkins for continuous integration.

Project Showcase- NBA Live Game Visualization

- **Cloud Deployment**: Built a custom React and SVG dashboard hosted on AWS S3 and served via CloudFront to visualize player substitution and statistical timelines and game flow.
- **Real-Time Architecture**: Engineered a serverless backend using AWS API Gateway and DynamoDB to manage user sessions and broadcast live game updates via WebSockets.