# Brennan Flood

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**Eligibility: Interim Secret Clearance; Public Trust with High-Risk Suitability**

**Title: Software Developer**

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## SKILLS

Agile/Scrum · AWS · Azure · CSS · Docker · Express · Figma · Flask · Git/GitLab · GraphQL · HTML · JavaScript · Linux · Material UI · MongoDB · Next.js · Node.js · PostgreSQL · Python · React · Redux · REST · Ruby on Rails · Rust · Selenium WebDriver · Sequelize · SQL/SQLAlchemy · TypeScript · Vite

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## WORK EXPERIENCE

### Chainalysis (formerly Excygent, acquired 2021) • Washington, D.C.; August 2020 - Present

**Frontend Software Developer • Full-time**

- ❖ Served as primary frontend developer on multiple projects, taking ownership of full lifecycle delivery—from initial wireframing and technical research to implementation, deployment, and customer demo.

- ❖ Architected and delivered a graph-based data visualization tool to explore and analyze relationships within unstructured data; enabled users to generate interactive link-node graphs via ad hoc queries.

- ❖ Designed and implemented an IP geolocation utility to assist in real-time attribution and situational awareness during investigations.

- ❖ Built a threaded communication viewer to surface and navigate large volumes of email, forum posts, and messaging data in a searchable, user-friendly interface.

- ❖ Developed an internal investigative storage solution, allowing analysts to persist and organize findings, notes, and associated entities across sessions.

- ❖ Frequently led project bootstrapping, standing up full React + Vite + Node.js environments from scratch, including internal documentation for team onboarding and extension.

- ❖ Managed VM-based deployments of applications via Apache, ensuring stable, offline-accessible builds for use in secure environments.

- ❖ Delivered applications to both end users and internal analysts, collaborating with backend engineers and mission stakeholders to iterate based on direct feedback.

### TalentSpring • Arlington, VA; May 2020 - June 2020
**Web Developer • Freelancer**

- ❖ Developed and deployed an application to modularly craft, modify, and export resumes as pdfs using custom controls for the client. Delivered full application to customer satisfaction.

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## EDUCATION

### Software Engineering Track: Full-Time Online

App Academy • New York, New York 2019 - 2020

### B.S. in Mathematics, B.A. in Philosophy

Tulane University • New Orleans, LA 2014 - 2018