

# Eric Gallagher

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## EDUCATION

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### University of Edinburgh

*First Class Bachelor of Science in Computer Science*

Edinburgh, UK

*Sept. 2019 – May 2023*

## EXPERIENCE

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### Junior Proprietary Trader

*KB Trading*

May 2021 — Sept 2021

*Glasgow, United Kingdom*

- Gained practical experience in a live trading floor, utilizing a discretionary swing trading strategy
- Demonstrated commitment and readiness to take on substantial responsibility starting at 6 a.m

### Software Engineer Intern

*FactSet*

Jun 2022 – Sept 2022

*London United Kingdom*

- Joined FactSet for their summer internship as a full stack developer in the Research Management Solutions Team and tasked with developing a batch notes uploader from scratch
- Involved creating a UI for users to upload excel files of notes which would then be validated, integrated and then synced to both clients and FactSet's database.
- Developed the product using C# (.NET), AWS S3, PostgreSQL and Vue (with TypeScript)

### Full Stack Software Engineer

*FactSet*

Aug 2023 – Present

*London United Kingdom*

- Currently working as a full stack engineer in sub team of the deal makers and wealth department
- Relied upon as the only frontend engineer to produce high end UI solutions in Vue JS
- Another point
- Employ industry standard object orientated concepts in C# and work extensively with .NET on a daily basis.
- Work with SQL Server for database related issues
- Employ industry standard git workflows on a daily basis utilizing advanced functionality and integrating CI/CD

## PROJECTS

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### Financial Report Generator using LLMs | C#, .NET, Vue, WPF, OpenAI

Oct 2023 – Present

- Developed a tool to generate financial reports in .docx format for analysts
- The tool leverages past reports from the analyst, current data, and user prompts to produce .docx financial reports
- Developed the backend in C# with the OpenAI API and incorporated prompt engineering to ensure the generation of high-quality content
- Frontend developed using Vue and integrated as a web sidebar within Word for accessibility and compatibility
- Presently looking to incorporate summarization capabilities and a feature that allows users to refine specific sections of the report directly within Word at the click of a button.

### CEO of Quantitative trading firm website | Vue, Stripe, Netlify

Jul 2022 – Aug 22

- Having amassed a substantial amount of high-quality notes over the years through my proficiency in creating LaTeX documents created a library to store them
- Developed a web application using React, integrated user authentication and pdf storage via Firebase, and implemented a payment system through Stripe.

## TECHNICAL SKILLS

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**Languages:** C#, JavaScript(TypeScript), Java, Python, SQL (Postgres/SQL Server), HTML/CSS

**Frameworks:** .NET, ASP.NET, React, Vue, AngularJS, Node.js, JUnit, XUnit

**Developer Tools:** Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, SQL Server, WSL, Chrome dev tools, Jest, Jenkins, AWS, Azure

**Libraries:** Vuex, Pinia, Tailwind, Pandas, NumPy, Matplotlib, Scit-Kit Learn