

Flynn Foley-Clarke

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[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

EDUCATION

University of Kent, Canterbury - MS, Computer Science

September 2023 - September 2024

University of Kent, Canterbury - BA (Hons), Film

September 2020 - June 2023

PROJECTS

[Esports Fantasy](#) - Fullstack - React, NextJS, MySQL, Redis

- **1,000 unique visitors** and over 15,000 page views in the first week of release
- Implemented ISR (Incremental Static Regeneration) which decreased server usage by 75%
- Integrated user authentication using NextAuth and OAuth generating 200 user sign ups
- Devised rate-limiting solution with redis to prevent users from abusing APIs

[Get Smarter Saturday](#) (Commissioned project) - Frontend - React

- Decreased client broadcast downtime by 80%
- Increased client viewership retention by 30%
- Collaborated with client to allow any channel to use the service increasing traffic by 400%

Go microservice backend - Backend - Go

- Client-facing REST API
- Microservice communication using gRPC
- Decreased HTML size using gzip compression

[CS Demo Parser CLI](#) - Backend - Go

- Generated spreadsheets with statistical data from CS2 demos.
- Gained experience with concurrent processing, and data manipulation.
- Reduced processing times from over 700 seconds to 90 seconds for 200 demos.

CERTIFICATES

Harvard University, Remote - *Introduction to Computer Science*

February 2021 - April 2021

Cisco, Remote - *Software Engineering Experience Program*

July 2021 - July 2021

SKILLS

Languages - JavaScript, TypeScript, Go, Java

Technologies - Amplify, S3, React, Next JS, SCSS, Spring, JavaFX, MySQL, REST APIs, GRPC, ML, NLP

Key skills - Data structures, Algorithms, Design patterns, Development methodologies(agile, scrum)