# Christopher Millar

**Software Developer**

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## PERSONAL SUMMARY

A highly motivated, versatile and passionate software graduate offering enthusiasm and commitment to developing creative and dynamic software solutions. I am able to work within a team or autonomously to deliver well documented solutions to complex problems.

Completion of my Masters was to build upon my current skill set whilst pursuing my passion for problem solving using software. I am actively looking for a software development position at an ambitious product-focused company that can offer interesting challenges, project based learning and future career progression opportunities.

Experience working with Object-Oriented Programming in Java, creating an application in Javascript using Next.js framework, implementing persistence layers using a MySQL database and I have a strong understanding of version control and use git for managing versioning of all my projects.

## ACADEMIC PROJECTS

### Watchpoint, Fitness and Nutrition Tracking Application

Designed and developed a statically generated, mobile-first fitness tracking application. Written in JS using the Next.Js framework, custom styling written in CSS and HTML, and deployed using Vercel's platform-as-a-service. Included keeping code clean and understandable, carrying out straight forward UI & UX design, testing & improving functionality whilst following agile methodologies.

### Artemis, Text Based Game

Team leader in a group based project to design and develop a fully functional text based game using Java. Designed and documented the flow of the game using flow & use-case diagrams, ensuring a clear plan was communicated across the team at all times.

Using agile methodology, worked as part of a two person team to write clear code in week long sprints and then carry out review and testing of the product.

## WORK HISTORY

**Radius Plastics, Lurgan, Co. Armagh** - *Quality Engineer*
JANUARY 2018 - SEPTEMBER 2021

- Developed and implemented a new recording process using Visual Basic & Excel with an easy-to-use interface, used to provide complete transparency for managers and reduced miscommunication between shift handovers saving hundreds of staff hours.
- Created and managed production standards and bill of materials, as well as restructuring processes to ensure clear and efficient channels of communication while standardizing product drawings throughout the company.

**CDE Global, Cookstown, Co. Tyrone** - *Placement Quality Engineer*
JUNE 2017 - OCTOBER 2018

- Managed projects across two factories and conducted quality control analysis throughout the design, manufacture, assembly, and shipping stages of large-scale multi million pound machinery.
- Liaised with suppliers and collaborated with design engineers and production teams by using in-depth product knowledge to assist with design, research, and implementation of design improvements.

## EDUCATION

**Queen's University Belfast, Co. Antrim** - *MSc Software Development*
SEPTEMBER 2021 - NOVEMBER 2022

**Loughborough University, Loughborough** - *BEng Mechanical Engineering*
SEPTEMBER 2015 - AUGUST 2019