Seán Cunniffe

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github.com/sean-cunniffe/ 🔗

sean-cunniffe.github.io/portfolio/ 🌐

Profile

University graduate with a Bachelor's of engineering, self-motivated with leadership and teamwork ability and a drive to always improve and increase his skill set in software engineering and web development.

Education

National University of Ireland, Galway
Electronic and Computer Engineering

SEPT/2016 – MAY/2020
Grade: Obtained a 2:2.

Academic Courses

Software Engineering III (A) • Embedded Systems Applications Programming (A) • Final Year Project (B) • Database Systems I (B) • Programming III (B) Machine Learning (C) • Distributed Systems & Co-Operative Computing (C) • Engineering Electromagnetics (C) • System on Chip Design I (C) • System on Chip Design II (C)Real Time Systems (D) • Communications and Signal Processing Applications (D) • Digital Signal Processing (D) • Telecommunications Software Applications (D) • Analogue Systems Design II (D) • Communication Signals and Systems (D) • Digital Systems II (D) • Signals and Communications (D) • Project Management for Engineers (D) • Professional Skills (Pass)

(A) >70% (B) >60% (C) >50% (D) >40%

Work Experience

Boston Scientific Corp, Galway

Software Developer Co-op
JAN/2019 – AUG/2019

- **Planned and developed** a Quizzing System with Machine Maintenance Department.
- **Organized bi-weekly Project planning meetings** with management team overseeing development of Quizzing System.
- **Worked with a HR team** organizing events such as school visits, local competitions etc.
- Gathered brainstormed ideas on workplace improvements and categorized for further analyzing.

McDonalds Shop Street, Galway

Crew Member
SEPT/2017 – MAY/2018

- **Fast pace environment** where **organization** and **teamwork** were crucial.
- Proving exceptional **customer service** inline with McDonald's standard procedures.

Achievements

- Holder of a full drivers' license.
- Completed online certificates on Spring Framework, Hibernate and Angular.
- Holder of Safety 2, Lifesaver Certificate.

Projects

(More Projects on my web portfolio)

Quizzing System

Skills used: Java, JavaFX, SQL Server
- Final year project in collaboration with the Machine Maintenance Department in Boston Scientific Galway.
- A system to quiz Technicians.
- JavaFX application invoke methods on RMI Server that preformed CRUD operations on a SQL Server.

Visual Sorting Algorithms Link GitHub

Skills used: Angular 9, TypeScript, Sorting Algorithms
- A visualization tool to demonstrate different sorting algorithms.
- Uses colors to show users how the algorithms swap and insert elements to sort array.

Visual Graph Searching Link GitHub

Skills used: Angular 9, TypeScript, Searching Algo.
- A visualization tool to demonstrate DFS and BFS in a randomly generated graph.
- Uses colors to show users how the algorithms transverse the graph.

Item Shop GitHub

Skills used: Java, TypeScript, CSS, HTML, Spring Boot/JPA, Angular 9
- Book, Mug and Mousepad Shop
- Angular Web App that calls CRUD operations on a Spring Boot Application

Workout Tracker GitHub

Skills used: Java, Android, Firebase
- App for users to log exercises completed.
- User can view exercise progress and compare to standards on strengthlevel.com.

Skills

Technical Skills

Java • TypeScript • Angular 9 • Spring Core/Boot/Security /JPA • Hibernate • MySQL • SQL Server • HTML • JSP • CSS • UI/UX design • GIT/Github • JavaFX • Firebase • Agile Environment (Scrum) • Machine Learning Algorithms • Sorting Algorithms

Soft Skills

Leader • Communicator • Strong Adaptability

References

Can be provided on request.