

Sebastian Heron

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Summary

I'm a high achieving Computer Science student with a particular interest in Software Engineering. I have a year in the field where I gained hands-on experience with the latest technologies developing new innovative solutions. My expertise is focused primarily in .NET with C#, but I also have experience in C++, VB.NET, Java, Python and various Web Development languages and technologies. I have used GIT for source control in industry environments with TFS for backlog management. I'm most familiar with Agile methodologies including Scrum, but I also have a qualification in methodologies from BCS too. I'm looking for a graduate position where I would get the chance to use different .NET technologies to develop my skills further.

Education

Currently in 3rd Year for Bsc (Hons) in Computer Science, Keele University

Currently working towards a first-class degree. Studying a wide range of different topics, from AI (Artificial Intelligence) to Databases, excelling in programming and front-end design related modules.

2019 – Present

Level 4 Knowledge Modules, TDM (The Development Manager)

Completed: BCS Software Development Methodologies (QAN: 603/0543/5), Microsoft Technical Associate 98-361 Software Development Fundamentals, Microsoft Technical Associate 98-375: HTML5 Application Developer Fundamentals

2017

Work Experience

Apprentice Software Engineer, Malvern Panalytical, Enigma Business Park, WR14 1XZ

Code reviewed and performed paired programming tasks to help improve development techniques, code quality, test coverage and efficiency. Worked closely with other Software Engineers, Testers, Other Engineers and Application Scientists. Designed front-end and implemented back-end for highly requested Software features. Worked on modular API packages used for front-end user controls and back-end data structures and implementation.

Sep 2017 – Dec 2018

Projects

OMNISEC, Multi-detector GPC/SEC system - malvernpanalytical.com/en/products/product-range/omnisec

Complex Software system for interfacing with hardware, used for measuring particle size and other related attributes. Utilized the Scrum development methodology with VSTFS, Ranorex and NUnit for testing and other frameworks including Prism, Unity containers and Telerik UI.

Stacket, Kanban style to-do board for increasing development speed - swegrock.github.io/stacket

Widget style Kanban board application used to organize the development of projects on the go. Built from the ground up with custom UI components designed to be minimalist.

JazzNotes, Notes application for jazz transcriptions - swegrock.github.io/jazznotes

Cross platform jazz transcription notes taking application, specifically designed to improve the workflow of a jazz musician. Uses the open-source development package Avalonia to allow building for multiple platforms.

Awards

Top 5%, Credit Suisse

Coding competition with students competing from multiple universities incl. Oxford and Cambridge. Finished 30th out of 950 participants.

2020

48th out of 3000, Ludum Dare - ldjam.com/events/ludum-dare/49/unstable-ship

Most recently I competed in the Ludum Dare jam with a friend and we finished 48th out of 3000 entries overall. We proved we could build something competitive in a short space of time.

2021