Ira James Watt

Software Developer   07342 926899 | irawatt.com | Newcastle Upon Tyne

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Education

Newcastle University - Computer Science BSc Honours G401 (83.8% - current overall)   2016-2020
A levels - Maths, Physics, creative media   2014-2016
AS - Electronics   2014-2015
Smallpeice - advanced marine technology course   2014-2014

Relevant Coursework

Software Engineering, Algorithm Design and Analysis, Database Technology, Operating Systems, Computer Networks, Software Engineering

Work Experience

Applications Developer Placement - NUIT   2018-2019

Worked Primarily on developing/deploying newcastle university mobile and desktop apps as well as the infrastructure around them. I was the primary developer on the scanner attendance web services/ infrastructure. I Also worked with university partners on collaborative development. One of these projects being the microsoft SLATE initiative, in which I worked closely with there developers to create services for students+academics through the microsoft teams platform.

Projects

Atresia - Mobile real time messenger app   2019-Current

Developed mobile messenger App developed for android and ios with the goal of being faster than all other current messenger apps. In order to achieve this I'm websocket communication protocol which is faster then most all messenger app. The app is currently in beta, not on the store.

Perceptron App - Mobile real time messenger app   2018-2018

Created a simple app using the ionic framework to graphically show, using p5js, the learning process of a perceptron (a very basic form of neural network).

Desktop Reminder App - Windows WPF   2018-2018

Created a small background application which would filter through specified reminders using the microsoft .net framework.

Technical Proficiencies

Frameworks/libraries - Angular, Ionic, wordpress, Apache, MySQL
Languages - PHP, java,, Typescript, Javascript, C#, SQL, SCSS, HTML5, XML
Services - Firebase, Microsoft Azure