

# Ira James Watt

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## Personal Statement

My name is Ira Watt. I am a Newcastle University graduate expecting a 1.1 and currently averaging 80%+. My most recent role was at NUIT as an Applications developer primarily working with Angular2, Ionic, .NET and WordPress. I am currently looking for a career in web and app development where I can fully utilise my skills.




## Education

<b>Newcastle University</b> - BSc Honours Computer Science with Industrial Placement (1.1) Participated in Hackathons. Acted as lead developer in team project building an Android app. Active in the OTC (Officer Training Corps). led OTC running club on training sessions.	<b>2016-2020</b>
<b>Prudhoe Community High School</b> - 3 A-Levels & 12 GCSEs	<b>2012-2016</b>
<b>Smallpeice Trust</b> - Advanced Marine Technology Course Designed 3D models of offshore platforms using SketchUp.	<b>2014-2014</b>

## Work Experience

<b>Applications Developer Placement</b> – Newcastle University IT I had the distinction of being selected to work with the university IT Department. <b>Responsibilities:</b> Develop applications in various technologies. Defined both requirement specifications and recommended design choices with clients. Maintain pre-existing infrastructure. Helped troubleshoot customer problems. <b>Achievements:</b> Lead developer on the University's new scanner attendance web service. Developed and deployed versions of the university app and library desktop app. Fixed major bugs. Collaborated with University partners, most notably on the Microsoft SLATE project. Trained new placements.	<b>2018-2019</b>
<b>Cinema Host</b> – Odeon Cinemas Help in cinema operations by maintaining a safe and fun environment. Communication with customers and team members was important in this role.	<b>2017-2018</b>

## Projects

<b>WebGL Gallery</b>  (React, Three.js, Blender, Firebase) Whilst studying 3D modelling using Blender, I am developing a web app to showcase my work.	<b>2020-2020</b>
<b>Algo2k</b>  (PWA, Node.js, Python, Firebase) A trading strategy backtesting service developed as part of my dissertation.	<b>2019-2020</b>
<b>Web Portfolio</b>  (Angular2, Chart.js, Three.js, JQuery, Bootstrap, Firebase) Showcases all work to date, the PWA was developed with a multitude of libraries and hosted on Firebase. Full version is available on desktop, a minimalist version on mobile.	<b>2019-2019</b>

## Contributions and Interests

- ❖ **Stack Overflow** – Answered over 50 questions and reached top 5% in Ionic 4 & the Ionic Framework, top 10% in CSS (stackoverflow.com/users/10053793).
- ❖ **National Citizen Service** - Helped improve local communities in my home area.
- ❖ **Hobbies** - I Enjoy strategy games, running and powerlifting.

## Proficiencies

**Languages** - PHP, Python, Java, JavaScript, Typescript, C#, R, SCSS, HTML, C++, R, HTML5, XML  
**Front End** - Angular2, Ionic, .NET Framework, Android, JQuery, P5js, Three.js, Bootstrap  
**Back End** - AWS, Azure WordPress, Apache, MySQL, Firebase, Node.js, Express.js  
**Additional** - Agile Methodology, Project Management, Software Testing