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| **Alasdair Dunbar**  170 Princes Mews, Royston, Hertfordshire, SG89BN  **Mobile**: 07543993502  **Email**: [aly.11@hotmail.co.uk](mailto:aly.11@hotmail.co.uk)  **References available on request** |  |

**Personal Profile**

Software developer with 2 years professional experience. Core skills involve full stack web development (Mainly Node JS, React and Ruby on Rails) and Object Oriented programming (Python and Java). Preference towards roles with an opportunity to develop further technical skills.

**EXPERIENCE**

**Sept 2018- Sept 2020:** Frontier Silicon and Sagentia - Software developer

Worked as a programmer in the ATG (Advanced Technology Group) in Frontier and Sagentia (After Frontier was purchased by them). The role involved full stack programming with Node JS / React JS (And the usual of HTML, .pug files, css etc) on the front end, and ruby on rails on the backend , RESTful API design, embedded C++ , Alexa programming and test development. The role was largely team based, using agile development methods to organise the projects.

**EDUCATION**

**2015 – 2018 University of Kent, Canterbury:BSc Computer Science - Grade: 2:1**

This was a broad course that covered a wide section of computing theory.

Key areas of interest are:

* Programming: Mainly Object Oriented Programming techniques using Java. There was also a focus on functional programming languages such as Erlang and OCaml.
* Web Design: Covered website layout and design along with SQL, HTML, PHP, CSS and JavaScript
* Foundations in Computing: The course covered general core computing theory. I.e: Hardware, mathematics, logic

**2008 – 2015 John Henry Newman School, Stevenage**

* **A2 Level:** Maths (A), Computing (B), Physics (B)
* **AS Level:** Computing (A), Maths (B), Physics (B), Biology (C)
* **GCSE**: 12 C-A\* grades with a B in English and an A in Maths

**SKILLS**

* Professional experience with Javascript (React,Node JS), Ruby on rails, Python, embedded C++ programming, general web development, databases (InfluxDB and MySQL), RESTful API programming,and test development (Mocha , JUnit and python)
* Personal and academic experience in coding in Java, C#, Angular JS, PHP,bot development for the communication software Discord
* Academic experience in Erlang, Ocaml and Haskel (Though will need to refresh on them)
* Professional experience working within an agile development framework
* Experience in organisation and communication with a team, and creating specifications for projects
* Experienced with Git, Docker, Postman, Visual Studio, Segger Embedded Studio, Microsoft Office, Unity (Game design)
* Fully competent with Windows + Linux
* Mathematics , English and presentation skills

**INTERESTS AND HOBBIES**

In my free time, I mainly watch movies, practice music or read. I also have an interest in gaming, and occasionally practice game development with Unity.