Ideal Jobs

‘What about the coders?’

*Across our team there is a broad array of jobs desired within the IT industry, and yet similar at the same time. It has been interesting to analyse this information, because even for the similar roles they can be explained it quite different ways and occasionally have different requirements for similar roles.*

*Below is a list of each person and their ideal jobs:*

**Joe Sharratt:**

Joe’s ideal job title is to be a team leader of Intel Operations for the Australian Federal Police Force. This is a position that entails being the leader of a small, well-co-ordinated intelligence team, delivering operational technical analysis locally, nationally, and internationally. Joe is very eager to harness as many related skills as possible to qualify for this position and is unswayed so far upon beginning his studies into IT and Programming.

**Victoria Sabino:**

Victoria wishes to become a Senior Software Developer/Mobile Anti-Cheat. An interesting role, which involves the development/adaptation of software to counter malicious attempts towards a companies’ multiplayer games, thus preserving the games integrity. Once achieving her ideal job, Victoria will work as part of a team, creating cheat detection and prevention software, ensuring secure coding practices, and working hard to identify the possible impact that various levels of in-game cheating could have on the games integrity.

**Nelson Lay:**

Nelson’s ideal job title is to be a Cloud Solutions Architect. In this career choice, Nelson would find himself working as a consultant for clients, to design and implement cloud-based solutions. Keeping up with evolving technologies in the fields of cloud related networking, programming and databases, cybersecurity, and automation are some, but not all the requirements for this job that keep Nelson interested. Because of this, he still has his mind set towards achieving this goal.

**Jordan Glen:**

Jordan’s ideal job title is to be an algorithmic trader. This is a job that entails creating software for financial institutions/large trading companies that assists in trading in the stock, share, and/or foreign exchange markets. Whilst the interest in this career pathway remains, Jordan is open minded towards other pathways in software development.

What are our teams’ similarities and differences?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Joe Sharratt** | **Victoria Sabino** | **Nelson Lay** | **Jordan Glen** |
| **Ideal job** | Team Leader (Intelligence Operations) | Senior Software Engineer, Mobile Anti-Cheat | Cloud Solutions Architect | Algorithmic Trading |
| **Includes software development** | Yes | Yes | Yes | Yes |
| **Involves skills outside of IT** | Yes | No | No | Yes |
| **Involves Teamwork** | Yes | Yes | Yes | Yes |
| **Requires keeping up to date on new technologies** | Yes | Yes | Yes | Yes |
| **Involves creation of security software** | Related, but not specifically. | Yes | Yes | No |
| **Has their opinion changed?** | No | No | No | No, but remains open minded |

Through analysing the chart above, one can see that whilst there is a wide array of IT related jobs available, certain capabilities, such as software development, teamwork, and keeping up to date on new technologies can go a long way towards securing many of those positions. With that being said, not all careers in the IT industry (such as Typists or Word Processors) require the above with nearly as large importance as the other roles.

It was also interesting to see through the “*Involves skills outside of IT*” row how certain areas of the IT industry have crossovers into other industries such as (in these cases) law enforcement and finance.

Whilst security plays an extremely important part of all IT related jobs, not every role specifically deals with the development of security software. On a general basis, this is because IT professionals work as part of larger teams, with individual roles broken down within that team, and specific people appointed towards the creation of security software, where required.

Overall, our team is made of six seemingly like-minded individuals, almost all striving for different, and yet closely related jobs. Almost everyone who is in this course are also students of the RMIT programming course, and yet we also come from a diverse range of backgrounds (such as online marketing, experiences with blockchain and cryptocurrencies, and more university related backgrounds such as that of a university tutor), which means that throughout our studies, we will be a team that can bring in strong overall knowledge, and the ability to help each other, not just directly through our experience here at university, but also through outside experiences and knowledge.