Alecia Kuyser

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Education

University of St Andrews - MSci Computer Science | *2018 - 2023*

- Achieved a 19.5/20 on a Machine Learning project using Java, placing me in the top 5% of the class
- Scored 21% higher than the class average in an independent project where I built a responsive website without the aid of javascript or frameworks, which runs smoothly on 10+ year old laptops and budget mobile devices
- Achieved high grades for research-oriented coursework, including a report prospecting the future of the internet, and a hardware security essay that the professor found particularly interesting
- Took optional classes on Computer Graphics, Video Games and Concurrency (using C++)
- Vice president of the Anime society for 3 years, Social rep for the Gaming society for 1 year
- Worked with a team to great success for no less than 5 projects, including the "Federated Social Media Platform" below

Brockenhurst College - A Levels | *2015-2017*

- A levels in **Maths (A), Chemistry (A),** and **Physics (A)**
- Won a Maths competition in a subject I had yet to be taught about, using a unique approach to the problem

Projects & Experience

Federated Social Media Platform | *2020-2021*

- Used the Agile workflow to work as a front-end developer and web designer with a team of 5 and communicating with several other teams for a University project building a federated social media platform, among the first feature-complete implementations in the class.
- Helped the above team deal with a problematic member by re-organising delegated work so they had only low-priority responsibilities.

AECOR - Game Developer | *2019 - present*

- Worked with multiple departments as part of a team of 18
- Helped build the first prototype of the project in order to acquire the first wave of funding
- Volunteered to take on multiple responsibilities, including an advisory role to the project leader, plugin integration in Unreal Engine, 3D modelling in Blender and material work with the Substance suite.

Composing Music | *ongoing*

- 6 month Fiverr freelancing gig, receiving no reviews below 5 stars for all 12 commissions, and 2 returning customers
- Spotify page with over 300 monthly listeners, with an average 44% annual follower growth over the past 4 years.

Skills

- **Highly proficient** - *Java, Javascript, VSCode, Algorithm Implementation*
- **Proficient** - *C, C++, Python, Web Design, Git, Bash, Agile Workflow, React*
- **Some experience** - *Haskell, SQL, Database Design, Japanese*