

JAMIE BUTTENSCHAW

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Portfolio - <https://jambuttenshaw.github.io/devportfolio/>

EDUCATION

2020 - 2024

ABERTAY UNIVERSITY – COMPUTER GAMES TECHNOLOGY

- ❖ Alexander D G Kydd Prize – Best 2nd year student overall in School of Design and Informatics in 2021/2022
- ❖ David Potter Memorial Prize – Best 1st year student overall in Computer Games Technology in 2020/2021
- ❖ A D D McKay Senior Prize – High level of performance in maths in 2021/2022
- ❖ Hannah Maclure Prize – High level of performance in maths in 2020/2021

- ❖ Graphics Programming (Year 2) – Grade A+
- ❖ Applied Mathematics 2 (Year 2) – Grade A+
- ❖ Data Structures and Algorithms 1 (Year 2) – Grade A+
- ❖ Data Structures and Algorithms 2 (Year 2) – Grade A+
- ❖ Game Programming and System Architectures (Year 2) – Grade A+

- ❖ Applied Mathematics 1 (Year 1) – Grade A+
- ❖ Software Design (Year 1) – Grade A+
- ❖ Games Programming (Year 1) – Grade A+
- ❖ Computer Hardware Architecture and Operating Systems (Year 1) – Grade A+
- ❖ Introduction to C++ (Year 1) – Grade A+

2014 - 2020

GREENFAULDS HIGH SCHOOL

- ❖ Advanced Higher Mathematics – Grade A
- ❖ Advanced Higher Mathematics of Mechanics – Grade A
- ❖ Advanced Higher Physics – Grade A
- ❖ Advanced Higher Music – Grade A
- ❖ Higher English – Grade A
- ❖ Higher Physics – Grade A
- ❖ Higher Computing Science – Grade A
- ❖ Higher Music – Grade A
- ❖ Higher Psychology – Grade A

WORK EXPERIENCE

2021 - 2022

TRIXEL CREATIVE – DEVELOPER

- ❖ I was a developer and programmer for Trixel Creative's upcoming game 'Restitched'.
- ❖ This was an unpaid, voluntary role that I assumed alongside my studies.
- ❖ I worked primarily on physics, game mechanics, and tools development.
- ❖ I had to quickly adapt to a large and unfamiliar codebase. Previously having mostly experience with C++, I put significant effort into advancing my C# and Unity skills to make great contributions to the project.
- ❖ I worked with a team of up to 20 other developers, and this was a great experience to learn how to work with others on a large project and become proficient with version control software.

2019 - 2021

SAINSBURY'S – FOOD SERVICES ASSISTANT

- ❖ I have primarily worked at the food counters and in the in-store Café.
- ❖ I have worked with fellow staff and customers to deliver excellent customer service.
- ❖ I always work hard, think on my feet, and apply my initiative to ensure the best experience for customers.
- ❖ I took my role seriously and I was always on time and prepared for work.

SKILLS

- I am excellent problem solver and analytical thinker, through almost a decade of practicing computer programming.
- I have an excellent knowledge of C++, compute architecture, software design, and object-orientated programming.
- I am highly motivated and go above and beyond in my university work and personal projects to do justice to my abilities.
- I am an adept leader through numerous leadership opportunities accumulated through my years in Scouting.
- I am a calm, logical thinker and always act responsibly and sensibly.
- I am an excellent team worker and excel at capitalising on everybody's talents to make the most effective team.
- I am committed and enthusiastic, and always approach any task with a positive mental attitude.

ACHIEVEMENTS AND ACTIVITIES

- I have been twice nominated for a BAFTA for my game development work in the annual BAFTA Young Games Designers competition. I was a finalist in the 10-14 year-old category in 2017, and was then the youngest finalist in the 15-18 year-old category in 2018.
- In June 2017, I was fortunate to be partake in work experience at the excellent games studio Blazing Griffin, where I enjoyed my first taste of the working environment by performing quality assurance and programming tasks.

- Since 2008, I have been a member of the Scouting Organisation, which has been a fantastic opportunity for developing my communication and teamwork. In 2017 I received the Chief Scout Gold award. In 2016 I was the leader of a team participating in the annual national camping competition, and my team successfully placed 4th in Scotland. I was also selected to participate in the World Scout Jamboree in North America in 2019, being selected as one of the 36 participants from the Glasgow area out of over 70 applicants and for which I was appointed as one of the 4 patrol leaders for showing excellent leadership and confidently handling responsibility. The Jamboree was a global collection of 45,000 scouts from over 150 countries, and it was a fantastic experience for developing as a person and learning how to make friends with people from any culture and background.
- I have achieved both my bronze and silver Duke of Edinburgh's awards, and I am now working towards achieving my gold award.
- From May 2022, I assumed the position of Gear Secretary for the Dundee University Rucksack Club, a mountaineering and climbing club that has been running for 100 years as of 2023. In this role, I manage a store of hundreds of items of equipment and ensure club members are equipped and prepared for expeditions in the Scottish Highlands. This role requires me to be organised, thoughtful and assertive as my role can directly impact club members knowledge and safety.
- I was awarded the Junior Dux award in 2017 for academic excellence. In the 2018 Senior Awards, I received an award for 6 out of the 7 classes I studied, and then in 2019 received an award for 5 out of 5 of the classes I studied that year.
- I ran my high school's code club for 4 years, and that has massively helped develop my communication skills as I must explain complicated concepts effectively to the junior members of the school.
- I participated in the UKMT Senior Mathematics Challenge in 2018 and won a Silver Award. I also took part in the West of Scotland Physics Education Group annual physics competition in 2018, and my team won second place.