

Galen Rodger
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Profile

I am a conscientious, enthusiastic and a hardworking person with exceptional communication skills. I think clearly and methodically and work particularly well under pressure. I work well either on my own or as part of a team and I am looking to apply my enthusiasm to an Audio Programmer or Gameplay Programmer role within the games industry.

Education and Qualifications

University of Abertay Dundee (2017 to present) – BSc Computer Games Technology
– Results due in June 2021

Key modules include **Procedural Methods, Programming Animations Systems, Mathematics and Artificial Intelligence and Graphics Programming with Shaders.**

- **Honours Dissertation** titled 'Analysing Music to change Gameplay' involved creating a host application in **C++** for **Vamp Plugins** and used these values to retrofit an open source game to change its gameplay based on the song given by the user. The game was made using **Unity** and used **C#**.
- **Industry Professional Project**
 - During my third year of university I was part of the Professional Project module where I was required to work within a group that contained 7 other members and 2 external members to create a game from a brief that was given by **The Chinese Room**.
 - During this time, I was primarily working on the audio implementation into **Unreal Engine 4** from the sounds given to us by our external audio team through **Blueprints**. My peers considered me reliable and invaluable to the team during the game's development.

Bell Baxter High School (2011-2017)

Strong grades attained in Advanced Higher Music (A), Higher Computing Science (A), Higher Music (A) and Higher Physics (B)

Technical Skills

- High proficiency in **C++** and **C#**
- Experience with working with **Wwise** and **UE4** implementation
- Experience working with **Unity**
- Used multiple versions of **Visual Studio** including **2015, 2017** and **2019**.
- Worked with **Vamp Plugins** and **Visual Studio 2019** implementation
- Experience with **SFML** for **Networking** and as a **Physics Engine**

Personal Skills

- Excellent communication skills within a team
- Enjoy learning through challenges and can get proficient quickly in new environments
- Excellent in punctuality and attendance

Other Qualifications

- Elementary Food Hygiene (May 2018)
- Clarinet Grade 8, Pass with Merit (June 2017)
- Member of a successful team participating in the Young Enterprise competition (2017)
- Placed first in the ladder competition run by the North East Fife Badminton Association Jaguars (2016)
- Bronze Duke of Edinburgh (2015)
- Chief Scout Gold Award for Scouts and won Scout of the Year award (2014)

Work Experience

Cairnie Fruit Farm (Summer 2018, 2019, 2020):

- Customer Service in the Outdoor play area, including handling cash, guided tours and food service.

MCI Electronics (summer 2015, 2016 and 2017):

- I assisted in the office workshop constructing various components of electrical circuit boards and panels.

Other Interests

- I enjoy music and have been an active member of a number of musical groups in Dundee and in Fife. This includes Dundee University Concert Band, Fife Youth Orchestra, Fife Youth Concert Band as well as Bell Baxter High School's junior and senior bands during my time at high school.
- I enjoy playing badminton as a hobby as well as competitively.
- I also enjoy outdoor activities as I have been a member of the Scout Association from a young age.
- I enjoy building computers as a hobby and have built many for friends and family
- In my spare time I am currently learning Korean as a second language out of interest since January 2019.

References

MCI Electronics, Jim Macintosh –
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