**Arnold Gomes**

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I am an upbeat, active individual who is looking to enter the tech industry after my Masters.

## Education

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**MSc Computer Science, University of Bath (2021-2022)**

* **Key Units:** Artificial intelligence | Cybersecurity | Software engineering | Databases | Foundations of Computation | Functional Programming | Reinforcement learning

**BSc Mathematics (Previously MSc Mathematics), University of Bristol (2018-2021)**

* **Grade**: 2:1
* **Key Units**: Analysis | Applied Partial Derivatives 2 | Combinatorics | Fluid Dynamics | Group Theory | Introduction to Proofs | Mechanics 2 | Linear Algebra and Geometry | Ordinary Differential Equations 2 | Quantum Mechanics | Statistics | Introduction to Artificial Intelligence

**St Bede’s Sixth Form Arete, Bristol (2016-2018)**

* **A Levels:** Mathematics (**A\***), Further Mathematics (**A**), Computer Science (**A**).
* **AS Levels:** Physics (**A**).

**St Bede’s Catholic College (2011-2016)**

* **GCSE’s:** 11 GCSE’s ranging from **A\*- A** grades, including English and Maths.

## Work Experience

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* Meticulously code checked every product in the store, making sure they were all safe for customer consumption.
* Demonstrated leadership skills by communicating well with inexperienced team members, successfully tackling large tasks together, ensuring all work was completed on time.
* Managed time well by planning areas I was going to cover before my shift, meaning that I met my deadlines by the end of a day of work.

**Private Maths Tutoring (September 2016- May 2018)**

* Organised lesson plans to follow for my student, ensuring they were meeting targets and were progressing well.
* Explained complex mathematical concepts to my student, breaking them down to provide step-by-step guidance so they would understand and answer problems on them well.
* Showed patience when my student was struggling to learn a concept, identifying why they were struggling and correctly any misunderstandings they had so they would successfully understand.

## Important Skills

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**Programming:**

* Strong knowledge of Python developed through undertaking independent coding projects, documenting every stage in the development process and creating a successful application.
* Experience in Java through attending an Artificial Intelligence Hackathon hosted by Scott Logic, learning to solve a programming problem in a time pressured situation.
* Strong knowledge of statistical programming language R

**Communication:**

* Good communication skills built up by interacting with customers at Morrisons, quickly understanding what they required and providing a friendly atmosphere.
* Strong presentation skills developed through attending local speaking competitions, which involved speech planning on specific topics and delivering it to a large audience.
* Developed one-to-one friendly interpersonal skills through peer tutoring on complex maths topics, as well as private tutoring for 2 years.

**Teamwork:**

* Coordinated well with fellow mathematicians when participating in group projects which involved deciding the topic of the project, delegating tasks to appropriate members to produce a strong mathematical report.
* Worked together with colleagues at Morrisons to successfully complete large tasks in high pressure situations.

## Hobbies and Interests

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* Rock climbing, developing my problem-solving skills as well as displaying resilience during a tough climb.
* Competing for a University Esports team, communicating well with my teammates and planning complex strategies to use, as well as countering any strategies we come across.
* Regularly attend hackathons and coding events to learn new skills, and further develop my programming experiences.

## References

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References are available on request.