Adam Sheppard

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🔗 adamsheppard.dev

PERSONAL STATEMENT

Having graduated with a First-Class BSc in Computer Science from the University of Exeter, I am looking to secure a software engineering role which involves future opportunities for career progression, alongside development training.

EDUCATION

University of Exeter, *BSc Computer Science*

Sep 2021 – Jul 2024

First Class Honours

Key skills gained:

- Competency in several computer languages, spanning from imperative to functional programming paradigms.
- Detailed understanding of visualising and structuring databases using Entity Relation Diagrams and Database normalisation.
- Proficient written and verbal communication developed through the production of essays and presentations.
- Prior experience using Git version control and using the Agile methodology during multiple group software engineering projects.

Frome College, *A-Levels*

Sep 2019 – Jun 2021

- Computer Science: A
- Maths: B
- Physics: B

WORK EXPERIENCE

Greggs, *Team Member*   Jan 2021 – present

Duties include:

- Serving customers in a polite and professional manner.
- Training new team members in key competencies.

University of Bath, *GUI Implementation*   Jun 2019 – Jul 2019

- Restructured and documented software written by University PHD students concerning Protein folding.
- Implemented a Graphical User Interface over the previous Command-Line interface.

SKILLS

- Software development and programming
- Database theory and design
- Data structures and algorithms
- Python / Java / C / Haskell
- Microsoft SQL

NOTABLE PROJECTS

- Designed and implemented unique Genetic Algorithms to solve Sudoku puzzles, rigorously testing and assessing their effectiveness as part of my dissertation.
- Co-developer of an innovative, sustainability-focused game designed to engage users in environmentally conscious behaviours, promoting sustainable practices through interactive gameplay. This involved regularly meeting with internal stakeholders to assess whether our project delivered their requirements.
- Constructed the back-end for a Covid-19 Dashboard, used to display live Covid data and news, which can be scheduled to occur whenever necessary.

AWARDS

Principles Cup, *Frome College*
Individual recognition for producing and sharing high-quality revision material, including flashcards and diagrams, for other students in my year.

Duke of Edinburgh Awards
Awarded both Silver and Bronze awards.

REFERENCES

Dr Zeliang Wang, *Lecturer (E&S),* University of Exeter
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Mike Hollingdale, *Manager,* Greggs
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