

# Austin Tian | Computer Scientist

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## PROFILE

A second-year computer science student at Cardiff University interested in working in web development and other graphically-oriented projects.

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## TECHNICAL SKILLS

- **Software tools:** version control with Git, VSCode
  - **Programming languages:** Python, Java, MATLAB
  - **Web Development:** HTML, CSS (+Sass), React, SQLPlus
  - **Game development:** Unity 2D
  - Linux operating system
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## WORK EXPERIENCE

### **Graphic Designer at Praline, London, 05-09/06/2017**

- Designed book cover concepts and accessibility icons for a website using Adobe Illustrator
  - Gained an understanding of what it is like to work in a small company
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## CODING PROJECTS

- **Portfolio Website, 04/06/2022, individual project**
    - Website made with React, styled using Sass, and deployed on GitHub using GitHub Pages
  - **Dungeon Crawler Game, 10/2022-16/05/2022, group project**
    - Lead programmer in a 2D multiplayer puzzle dungeon crawler group project, using Unity (C#) and the Mirror library. Learned the basics of game development
  - **Cybersoc Game Jam, 19/03/2022, individual project**
    - Developed a basic 2D top-down shooter game using Unity at a society-lead game jam. Solidified my knowledge of game development.
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## EXTRACURRICULAR

- **Robotics Club, 09/2019 – 07/2020**
    - Focused on Arduino programming and electrical engineering including soldering.
  - **Science Outreach Leadership Team, 09/2018 – 07/2019**
    - Gained public speaking skills and learned about lab safety and physics concepts outside of the scope of my physics lessons
    - Performed science demonstrations at multiple festivals including Blu Dot and Big Bang UK in 2019.
  - **Psychology Research Competition, 06/03/2019, individual project**
    - Won second place in an inter-school psychology research competition. Developed critical thinking skills through discussing the implications of my research into group conformity.
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## EDUCATION

**Cardiff University, Cardiff, 2020-present** | BSc Computer Science with Security, Forensics, Year In Industry  
*Relevant Modules*

- Web Applications
- Human Computer Interaction
- Developing Quality Software
- Object Orientation, Algorithms, and Data Structures
- Database Systems

**Badminton School, Bristol, 2015-2020**

*GCSE, 08/2018*

**9 A\*s** including **Computer Science, A**

*A-Level, 08/2020*

**A\*AB**

*AS-Level, 08/2020*

**A** in Computer Science

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#### INTERESTS

- Astronomy and astrophotography
  - Skateboarding
  - Logic puzzles like picross and minesweeper, jigsaw puzzles
  - Creating and selling digital art through RedBubble
  - Languages: fluent in Russian and English, proficient in Spanish and Portuguese, beginner in Japanese
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REFERENCES AVAILABLE ON REQUEST