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## EDUCATION

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- **University of Bristol** Bristol, UK  
*MEng Computer Science* 2019 - 2023
  - **Computer Science Society**: First Year Representative
- **Joint Institute of SJTU-University of Michigan** Shanghai, China  
*BSc Electrical and Computer Engineering, GPA: 3.45/4.00* 2018 - 2019
  - **Engineering team**: Secretary
- **Queen Mary's College** Basingstoke, UK  
*A Levels* 2016 - 2018
  - **A\*A\*AAA\***: Mathematics, Computer Science, Physics, Further Mathematics, EPQ
  - **National Cipher Challenge**: Team Captain
  - **CERN Beamline International Competition**: Researcher

## SKILLS

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**Coding Languages** \*\*\* Python, \*\*\* C, \* MATLAB, \* C++, \* C#, \* Java

**Technologies** \* Unity, \* Git, \* Github, \*\* Photoshop

**Languages** \*\*\* English, \* Mandarin

\*\*\* Comfortable, \*\* Familiar, \* Encountered

## EXPERIENCE

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- **Escape-room Game Master** Basingstoke, UK  
*Exciting Escapes* Jan. 2018 - Jul. 2018
  - Monitored and guided teams through the escape rooms when needed
  - Developed interpersonal skills, public speaking and learnt how to deal with large groups of people
  - Briefed costumers on the rules and back story, as well as the health and safety procedures

## PROJECTS

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- **Encryption Escape Room RPG Game**  
*Unity, C#*
  - Designed and developed unique encryption game mechanic
  - Created a simple to use GUI allowing users to perform cryptoanalysis in game
- **Animated Traffic Lights Simulator**  
*MATLAB*
  - Produced program that could randomise car crashes based on user input
  - Created simple and smooth animation sequences
- **LV= Insurance Data Science Hackathon** Awarded "Most Innovative Solution"  
*Python*
  - Co-ordinated with team of five to create insurance model for predicting compensation
  - Gained insight into the application of machine learning in statistical models for real world problems
- **Boeing Hackathon** Won "Environmental" category  
*Python, JavaScript*
  - Collaborated with team of five in creating "tree-planting" app using K-means clustering
  - Worked on back-end design and group presentation

## ACHIEVEMENTS

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**Young Enterprise Competition** Represented institute and secured a place in the regionals  
**Cambridge Sutton School Summer Trust** successfully completed

References available upon request