Lamb Chen

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EDUCATION

University of Bristol - BSc Computer Science — 2022 - 2026
First Year: Computer Architecture, C, Haskell, Statistics, Linear Algebra, Java, Algorithms, Linux, Git
Colyton Grammar School — 2020 - 2022
A Levels: Further Mathematics, Mathematics, Economics, Geography, EPQ: - A*A*AAA*

SKILLS

Languages and technologies: Python, C, Haskell, Git, HTML, CSS, JavaScript
Spoken Languages: English, Mandarin

WORK EXPERIENCE

- **Epigram**
  Web Developer Volunteer — *Feb 2023 - Present*
  - Helping to maintain the University of Bristol student newspaper website, which publishes using Ghost.
  - Working with HTML, CSS, JavaScript, Node.js and Handlebars.js.

PROJECTS

- **Secret Santa Name Email Sender** — Dec
  Python — *2022*
  - Allows user to enter names and corresponding emails then produces a derangement of the names so each person is assigned a name. On completion, program automatically sends an email to each person with the name they have been assigned.

- **Unbeatable Noughts and Crosses** — 2021
  Python
  - Implemented the minimax algorithm in Python to create an unbeatable Noughts and Crosses computer player.
  - Created a user-friendly GUI using the PyGame library so the user did not have to play in the terminal.

- **Kode with Klossy Summer Programme** — July 25 - 5 Aug.
  HTML, CSS, JavaScript — *2022*
  - Refined HTML, CSS and JavaScript skills further through a 2 week course and provided the opportunity to work on a group project, which collated Computer Science related resources on one website to increase accessibility of these materials for people underrepresented within Computer Science
  - Enhanced communication and cooperative skills through gaining experience coding as a group comprised of 3 different time-zones and presenting to the rest of the cohort.
  - Individually created a responsive photo gallery website that adjusted to the device window size with interactivity when the user hovers or taps on the images to reveal an overlaying caption.

EVENTS

- **BrisHack** — 6 March
  Theme: My Utopia (In-person 24 hour event) — *26 - 27 Mar. 2023*
  - Created a website that tracked and visualised a person's weight by connecting to weighing scales. Included an alarm function where the user sets a time for the alarm and then it can only be turned off if the user steps on the weight.

- **Siemens x Stemettes Hackathon** — 6 March
  Theme: Sustainability (Virtual event) — *2021*
  - Built an interactive prototype mock-up MVP using Marvel for an app "ecotag" which would aid consumers in understanding and tracking their carbon footprint.

NON-UNIVERSITY RELATED COURSES

Harvard CS50's Introduction to Programming with Python — Dec. 2022
Stemettes Cisco Python Course — 6 - 19 Apr. 2021

ACHIEVEMENTS/OTHER

NCSC Cyberfirst Advanced course: Learnt about various topics including digital forensics, encryption technologies, penetration testing and hashing.
Duke of Edinburgh Award: Gold, Silver and Bronze awards
University of Bristol Volleyball Society: Member of Women's C team