Jack Bond-Preston

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EDUCATION

University of Bristol — Bristol, UK
4-year MEng in Computer Science. — 2017–Current

- Grades: 69% (year 2), 72% (year 3)

Sir Isaac Newton Sixth Form — Norwich, UK
A-Levels in Computing, Mathematics and Chemistry. — 2015–2017

- Grades: AAA

EXPERIENCE

Arm — Cambridge, UK
Embedded Software Engineer in Open Source Software group — Summer 2020

- Joined the team working on the Trusted Firmware A project, a reference implementation of secure world software for Armv7-A and Armv8-A class processors.
- Contributed a series of patches for a new CMake-based build system for the project.
- Provided code review on patches by other team members.

University of Bristol — Bristol, UK
Teaching Assistant in Department of Computer Science — 2019–Current

- Delivered and created content for several Computer Science courses (Concurrent Computing, Computer Systems A, Software Product Engineering, Computational Neuroscience).
- Provided assistance to students in both in-person and online lab sessions.
- Moderated and led online video seminars.
- Assisted with the creation and improvement of labsheets for students to work through.

Potato (through University of Bristol) — Bristol, UK
Software Engineer for university group project — 2018–2019

- Created a web-based library management system for Potato, a company in Bristol.
- Took an active role in developing a Spring Boot/Vue.js based web application, using an Agile workflow.
- Team won the award for best second year group project, achieving the highest mark for the unit.

SKILLS

- **Low-Level Software & Architecture:** C, C++ (including C++11 & C++17), Armv7/8, RISC-V
- **Web Development:** HTML5, Modern CSS, ECMAScript 2015+ & Typescript, Vue.js, Spring Boot
- **Teaching:** Experience as teaching assistant, private tutor, classroom assistant

LANGUAGES

- **English:** Native speaker
- **German:** CEFR A2/B1 (Elementary/Low Intermediate)