

Jack Bond-Preston

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EDUCATION

- University of Bristol** Bristol, UK
BSc in Computer Science. 2017–2021
– Classification: First Class Honours
- Sir Isaac Newton Sixth Form** Norwich, UK
A-Levels in Computing, Mathematics and Chemistry. 2015–2017
– Grades: AAA

EXPERIENCE

- Arm** Cambridge, UK
Graduate Embedded Software Engineer in Open Source Software Group 2021–Current
- Arm** Cambridge, UK
Embedded Software Intern in Open Source Software Group Summer 2020
– Worked as part of the team 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 2019–2021
– Delivered and created content for several Computer Science courses (Concurrent Computing, Computer Systems A, Software Product Engineering, Computational Neuroscience).
– Provided guidance and troubleshooting 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 second year 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 MySQL/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)