

# Jack Bond-Preston

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GitHub: [github.com/jackbondpreston](https://github.com/jackbondpreston)

## EDUCATION

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### University of Bristol

4-year MEng in Computer Science.

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

Bristol, UK  
2017–Current

### Sir Isaac Newton Sixth Form

A-Levels in Computing, Mathematics and Chemistry.

- Grades: AAA

Norwich, UK  
2015–2017

## EXPERIENCE

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### Arm

Embedded Software Engineer in Open Source Software Group

- 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.

Cambridge, UK  
Summer 2020

### University of Bristol

Teaching Assistant in Department of Computer Science

- 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.

Bristol, UK  
2019–Current

### Potato (through University of Bristol)

Software Engineer for university group project

- 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.

Bristol, UK  
2018–2019

## SKILLS

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- **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

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