MARIAN PHILLIPS
Software Engineer

EDUCATION

Boolean UK – Full-Stack Boot Camp
Nov 21 – May 22
Frontend and Back-end development (see skills)
Used an Integrated Development Environment with VSCode, Github, Git, Node
Experience in TDD (jasmine), pair programming, OOP, and team and solo project creation
Module in basic CS, including data structures and algorithms

University College London, Institute of Education
Sep 17 – Jul 18
PGCE (Post Graduate Certificate of Education) with Mathematics Specialism.

University of Newcastle-Upon-Tyne
Sep 08 - Aug 12
Mathematics and Economics (Joint Honours) – Upper Second Class (2:1).

PROJECTS

Card Game
- A card game (similar to Hearts and Bridge) that involves rounds, betting and scoring
- Built with HTML/CSS, JavaScript and React
- Challenges: implementing the game logic and creating computer players that follow the rules

Team Project – Cohort Manager
- Group Project creating a desktop app that enables teachers to sort students into cohorts and post on a message board
- Built with React, MUI, node.js, Express and postgresSQL.
- Experience with branches, PR's, planning meetings and using Kanban boards
- Challenges: solving cross team merge conflicts

Pacific Wines Finder
- A quiz that matches your tastes with a wine from the Pacific Wines database
- Built using HTML/CSS, React, node.js, Express and ElephantSQL and Prisma
- Worked with a real client and their feedback to create a production ready desktop app
- Challenges: Creating an algorithm that returns an appropriate match through repeated Prisma calls with varying criteria

EXPERIENCE

Haggerston School - Mathematics Teacher (UK)
Jul 18 – Aug 21

Freemantles School – Classroom Assistant (UK)
Jan 16 – Feb 17

King George International College – English as a Second Language Instructor (CA)
Jun 15 – Dec 15 (Qualification: Cambridge English Language Teaching of Adults (CELTA))

Grouse Mountain - Ski Instructor (CA)
Oct 14 – May 15 (Qualification: Canadian Ski Instructor's Association (CSIA) Level 1)

PROFILE

Previously a secondary school Mathematics Teacher, but recently retrained as a Full-Stack Web Developer.

A hardworking, versatile, focused and initiative-taking person who quickly grasps new and complex concepts. Extremely adaptable, with excellent communication skills at all levels. Experienced in teamwork and as a leader but happy to work on own initiative. My experience of widely differing situations demonstrates my versatility, which enables me to creatively approach various problems that I encounter, while remaining confident and good humoured under pressure.

SKILLS
HTML
CSS
JavaScript
React
Git
Node.js
TypeScript
GitHub
PostgreSQL
API Creation (Express)
ORM (Prisma)

CONTACT
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HOBBIES
Swimming
Cycling
Netball
Film
Circus (Aerial)

References available upon request