

# CATHERINE PULMAN

**JUNIOR SOFTWARE DEVELOPER** | London

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github.com/Clatherine

**Portfolio:** <https://catherinepulman.netlify.app>

## PERSONAL STATEMENT

I first discovered the joys of coding through animatronic puppet building, where I was introduced to Arduino and loved the logical thinking and problem-solving involved. In my recent role with Atom Learning, I found myself increasingly drawn towards the development of systems to improve efficiency using Excel. Whilst not programming per-se, this involved a similar logical approach. The Software Development bootcamp at Northcoders has proven to me that programming is both constantly challenging and incredibly satisfying, which is exactly what I am looking for in a long-term career.

## TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, using Node.js and browsers as environment
- **Testing:** Test Driven Development, Jest, Supertest
- **Back-end:** SQL, PSQL, seeding, migrations
- **Front-end:** HTML, CSS, React, React Native, Next.js
- **Hosting:** Supabase, Render, Netlify
- **Other:** Git, GitHub, GitLab, Paired programming, technical communication, Agile and SCRUM methodologies, Wireframing, Figma

## EDUCATION

### **BA (Hons) Natural Sciences, University of Cambridge: 1st (2013)**

Biological Sciences with Part II in History and Philosophy of Science

**A-levels** in Biology, Chemistry, Maths and French (all grade A) (2009)

## WORK EXPERIENCE

### **Junior Software Developer Volunteer (August 2024 - present)**

*Library of Things*

- Working as part of the development team on the company's Next.js React website, written in TypeScript.
- I am responsible for implementing designs for a new page that displays the company's site locations on an interactive map (using Mapbox GL), and allows users to initiate a campaign to create a new site using a Formik form.

### **Software Development Student (April – July 2024)**

*Northcoders*

- Three-month intensive full-stack development bootcamp in JavaScript, using Node.js.
- Developed my coding and technical communication skills through daily lectures, seminars, katas, pair-programming challenges and both solo and group project work.
- Created and hosted my own API which I then used in a front-end hosted news site. This solo project gave me experience in the end-to-end process of developing, testing and hosting an API, and then designing a front-end site in React to interact with it.
- Created a full-stack web and Android React Native application in two weeks for my final project with 2 other developers. The app is designed to help tourists plan their trips in a new city and involves integration with the Google Maps API as well as our own API.

## **Content Creator (Feb 2021 – April 2024)**

*Atom Learning – Education Technology Company*

- Produced and implemented large volumes of high quality, user-friendly and aesthetically pleasing Key Stage 2 educational content under tight deadlines.
- Initiated and developed systems using Excel to create questions automatically, improving efficiency at scale.

## **Forest School Practitioner (Sep 2020 – August 2021)**

*Into the Woods Forest School*

- Delivered the Early Years Foundation Stage (EYFS) curriculum in London's first entirely outdoor-based nursery. I was the key person to 10 children under 5 years old, including some with special educational needs.
- Entertaining, educating and keeping young children safe in a public woodland required high levels of energy, imagination and responsibility, as well as excellent communication and teamwork with other staff members.

## **Launch Team (Jul – Sep 2020)**

*TopUp Truck – Hackney's first zero-waste mobile grocery shop*

- Worked with the founder to help launch the business. Involved in all aspects of the business, ranging from market research and competitor analysis to forecasting, pricing and logistics.

## **Montessori Practitioner (Sep 2019 – Jun 2020)**

*Bethnal Green Montessori School*

- Worked closely with the lead teacher to maintain a calm and purposeful classroom of 2 to 5-year-olds, delivering the EYFS curriculum in line with Montessori principles.
- Played an instrumental role in the delivery of an online nursery experience throughout the Covid lockdown period.

## **Secretary (Nov 2017 – Sep 2018 & Nov 2013 – Jun 2014)**

*CHASE Africa - Healthcare and tree-planting charity working with partners in East Africa*

- Responsible for developing the website, marketing, social media and donor updates.
- Managed partner reporting and worked with the Oxford Institute of Population Ageing to re-design the data reporting system; developed and implemented key policies.

## **Senior Account Executive (Apr - Aug 2017)**

## **Planning and Biddable Account Executive (Aug 2015 - Apr 2017)**

*Essence Digital - Digital Marketing Agency*

- Planned and executed high budget (£1m+) digital marketing campaigns for the Google and Hewlett-Packard brands across social, search and YouTube channels.
- Negotiated directly with online publishers to purchase advertising space for campaigns.
- Analysed and presented campaign results to clients.

## **Quantitative and Qualitative Assistant - Contract job (Mar - Jun 2015)**

*Basis Research – Customer research and insight consultancy*

## **Sales Analyst and PA to Head of Sales (Jul 2014 - Mar 2015)**

*FDM Group – Training and recruitment agency for the technology sector*

## **HOBBIES & INTERESTS**

In recent years, I have developed an interest in making dolls and puppets! This led me to getting involved with some professional animatronic puppet makers, who I spent considerable time with, working on an ambitious sheep costume (<https://www.instagram.com/reel/Cr3LJICuUXk>). I also love cooking, running, cycling and climbing.