

Christopher James Hunter

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<https://github.com/CJHunter91>

www.huntbyte.com - My website

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Personal Profile

Enthusiastic software developer with a BSc in Forensic Biology. Excellent problem-solving, team working and communication skills gained working in small businesses and as a start-up developer. Strong skillset using JavaScript and C#. Attends several tech meetups to continually learn including Lean Agile and Blockchain. Now looking to gain more experience working within an innovative, socially responsible company as part of an Agile team.

Technical Education

CodeClan, Edinburgh, Software Development

Jun 2017 - Oct 2017

Undertaking the immersive 16-week vocational coding course at CodeClan – winner of Best Education / Training provider at the ScotlandIS Digital Tech Awards 2017.

Focuses of the course include hands on experience with topics including:

- JavaScript Full Stack including – React, Node.js, Express, MongoDB, npm.
- HTML5 and CSS.
- Version Control – Git & GitHub.
- TDD - Test Driven Development – Using JUnit, MiniTest and Mocha for unit testing.
- Web Development with Ruby including – Building a RESTful API with Sinatra and Ruby on Rails also using the MVC pattern for web dev.
- Agile approaches including daily stand-ups and pair programming.
- Databases including – PostgreSQL and MongoDB NoSQL.
- SOLID overview, design patterns and some computer science topics
- Java including – Android App Development.
- OO programming with Ruby and Java.
- Security - SQL injection prevention.
- UX – Accessibility, User Journeys.
- Mac OS - Unix Shell.

Projects to Date

CodeClan: Blockchain Education App

October 2017

Uses JS with the React framework to create an educational cookie clicker game. I implemented digital signing to understand how Blockchain technology works.

https://github.com/CJHunter91/blockchain_clicker

<http://blockchain-clicker.surge.sh/>

CodeClan: Programming Education App

September 2017

The app was created using JS with the Express framework using SCRUM to organise the team. After creating our own API using a mongo database I implemented an interactive timeline allowing the user to browse available languages. It was important to use Git and Github for the group to contribute effectively.

https://github.com/CJHunter91/education_programming_timeline

CodeClan: Solitaire Card Game

August 2017

The main focuses of this project were to create a project which would utilize Android Studio/Java and would work on mobile while using SOLID principles. The main challenge was programmatically creating cards/buttons and trying to limit the number of nested loops when possible.

https://github.com/CJHunter91/CC_Solitaire

CodeClan: Veterinary Practice Appointment System

July 2017

Using Ruby with Sinatra, this project creates a system which uses CRUD/RESTful routes to keep a track of users/pets and their appointments. The main problem was efficiently transferring state to different views.

https://github.com/CJHunter91/vet_practice_management_system

<https://ch-91-appointments.herokuapp.com/>

Work History

CodeClan, Technical Assistant, Edinburgh**Sep 2018 – Dec 2018**

- Identifying issues and providing student support.
- Assisting instructor teams.
- Delivering lessons and providing industry insight
- Maintaining and recording student progress.
- Providing feedback and ideas for developing course material.

Wallet.Services, Software Developer, Edinburgh**Dec 2017 – Current**

- Writing and Testing Code.
- Pairing with developers to share knowledge of the existing codebase.
- Use of Clean Code Standards and patterns where possible.
- Organising and working in Scrum/Kanban Agile methodologies.
- Analysing user stories and breaking them into tasks.
- Reviewing pull requests and offering constructive feedback.
- Writing and updating technical documentation and readme files.
- JavaScript, TypeScript, React, Angular, C#, ASP.NET Core, Azure, XUnit, MSTest, Jest, Karma.

Photography Website Demo - Freelance**Oct 2016 - Feb 2016**

The main challenges in this project were creating an admin portal and photo resize efficiency. Using PHP, JS and MySQL I collaborated with a Graphic Designer to create a photography website to specific specifications from a client. This allowed me to learn about database interaction with the web page and how to implement a hash function to secure passwords.

<http://www.huntbyte.com/photography/index.php>

Cafe Website - Freelance**Feb 2016 - Oct 2016**

Using the popular CMS Wordpress and my knowledge of HTML/CSS I managed to create a bespoke website for the client. I also had to help set up the domain name and hosting of the website. SEO was also used to help make the website more accessible.

<http://www.fieldworkcafe.co.uk/>

Cycle Mechanic/Sales Assistant, Edinburgh (various)**Bikesmith / Evans Cycles / Biketrax****Feb 2013 - Apr 2014 - May 2016 - June 2017**

- Responsible for making changes to the website using HTML.
- Taking phone calls and replying to emails was an important task which required good courteous communication skills.
- Attention to detail was key for processing web orders and preparing orders for delivery. It was important to ship to the correct address and properly package the item.
- Time management was needed when repairing bicycles to meet customer expectations.
- Good communication skills were needed for processing warranties and recalls. It was important to manage the customers expectations of what a warranty claim involves and assuring them we would do our best.
- An understanding of COSHH was needed to work safely in the workshop.

Chariot Media, Pedicab Driver and Mechanic**Sep 2012 - Jan 2014 / Feb - May 2017**

- Responsible for training new drivers for one year.
- Communicating with the public and negotiating fares while still trying to make a profit
- Using sensible thinking and rationalism to keep customers safe on the road.

Education/Qualifications**May 2017 - October 2017 CodeClan, Edinburgh**

- SCQF Level 8 PDA:Software Development (equivalent to a HND level)

2009 - 2013 Napier University, Edinburgh

- Forensic Biology, BSc

Additional Information

I am a keen Mountain biker. I regularly ride with my friends at various trail centres, particularly Glentress Forest in the Scottish borders. I also enjoy indoor bouldering at Alien Bloc. I run a bouldering Meetup group which allows new people to meet each other and have more fun.

To continually learn I attend several tech meetups and work on side projects.