

MOBILE

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WEBSITE

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Chris Green

Software Engineer

Software engineer with experience delivering robust back-end systems in PHP and Python as well as polished front-end experiences with HTML5, CSS3 and JavaScript. Always learning new technologies and eager to take on new challenges.

EXPERIENCE

Web Developer

Copify

Lancaster

2013 - Present

Role overview: Worked extensively on the front-end and back-end of a large PHP web application. Implemented new features and fixed issues, while following good development practices, including the MVC design pattern, Test Driven Development, version control (using Git) and thorough documentation.

Interesting challenges: Engineered full text search feature, from auto indexing database records with CakePHP to displaying search suggestions in the UI via JavaScript.

Improved user experience of messaging system with CSS and jQuery, implementing filtering, multi selection and mark as read.

Built and deployed a microservice with Python and Flask, in order to integrate a recommendation system into the application.

EDUCATION

BSc Computer Science

Lancaster University

2012 - 2015

Modules studied include: Human Computer Interaction, Computer Networks, Advanced Programming, Software Design, Distributed Systems, and Advanced Internet and Mobile Applications.

PROJECTS

Bookmarks

Currently developing a bookmarking web application in JavaScript ES6, utilising the Express web framework for the API server, and the React and Redux libraries for an easy to maintain, component based UI.

Source code available at: github.com/chrisgreen1993/bookmarks

keyvalchemy

Python library that allows SQL databases to be used as key-value stores through an easy to use API. Supports multiple database back-ends and storing of arbitrary Python objects.

Source code available at: github.com/chrisgreen1993/keyvalchemy

Player

Music player desktop application built with JavaScript (Node.js), HTML and CSS, leveraging the React library for the UI and following the Flux application architecture.

Source code available at: github.com/chrisgreen1993/player

SKILLS

Languages

PHP, Python, JavaScript, Java, C, HTML, CSS, SQL.

Frameworks/Libraries

CakePHP, jQuery, React, Bootstrap, Flask, Android.

Other

Version control (Git), Test Driven Development, Unix, Apache.