

# James Fisher

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DoB: 09/03/1996

As a highly motivated self-taught developer with a background in teaching and entrepreneurship, I am eager to apply my skills and passion for technology to a professional setting. Through creating a range of personal projects with real use cases, some of which you can read about below, I have developed a strong foundation in web-development, honing my skills in a wide variety of technologies, and uncovered a passion for turning ideas into products.

## EXPERIENCE

### JD Pro-Clean — Founder

June 2019 - February 2023

JD Pro-Clean is an exterior cleaning business I decided to create in the summer of 2019. Over the course of 3 and a half years I built up a round of over 300 bimonthly customers. Due to the nature of starting a service business I learnt a multitude of invaluable new skills, some of these are as follows.

- Developed and implemented a web-based application for managing customer data, financial records, and planning routes, utilizing skills in web development.
- Strong sales & communication skills attained through the practice of door to door knocking to build a reliable customer base.
- Discipline and self-reliance.

### Self-employed, Guitar Tutor

December 2016 - March 2019

Designed and delivered individual lessons for beginner to intermediate level students, across all age ranges. Utilized various teaching techniques and customized lesson plans to accommodate different learning styles and preferences. Maintained positive and professional relationships with students and parents.

## EDUCATION

### Bournemouth College — A Levels

Sept 2013 - July 2015

Mathematics: A

English Language & Literature: B

Physics: C

### Purbeck High School — GCSE's

Sept 2009 - June 2012

2 A\*'s, 1A, 3B's, 3C's

## SKILLS

HTML, CSS, Bootstrap, Javascript, React, Python, Flask, Django, C and SQLite3.

Customer Service

Independance & self-reliance

Time management

Strong problem solving skills

## INTERESTS

**Musician** - I've been playing guitar for nearly 10 years.

**Computer Programming** -

I have a strong interest in all things computing related and am constantly striving to learn more.

**Fitness** - I exercise everyday, whether it be weightlifting or cardio.

**Outdoor Activities** - I enjoy getting out to my local coastline as often as possible, usually hiking, biking or kayaking.

## PROJECTS

### **JD Pro-Clean, *HTML, CSS, Javascript, Bootstrap, Github***

[www.windowcleaningdorset.co.uk](http://www.windowcleaningdorset.co.uk)

A simple landing page for my business. This was my first programming project, and served as a solid introduction into the world of web development. It was during creating and designing this page that I discovered the passion I had for programming, and the satisfaction that comes from thinking up an idea and being able to implement it, watching it morph from abstraction to reality.

### **Exterior Cleaning Planner — *HTML, CSS, Javascript, Python, Flask, SQLite3, Bootstrap***

Exterior cleaning planner is a full stack web application I decided to build in order to organize all my business data. For the back-end I used Flask, Python and SQLite3 to create, store, and track customer details and financial records, whilst using a combination of HTML, CSS, Javascript, and Bootstrap to create an easy to interact with and aesthetic user interface on the front-end. The app has the following functionality:

- Create accounts, login and logout.
- View a date ordered table of customers. Once work has been carried out, mark customers as paid(cash), paid(card) or unpaid, and thus send to the back of the table by adding 8 weeks to the date(this is my business scheduling).
- Add new customers/remove existing customers from the database, and view/update unpaid customers.
- View total payments(cash/card/total), and payment history.
- Add expenses/receipts(ie. fuel), and view totals for the tax-year.
- Route planning using the Google Maps API. Select customers you will be visiting that day, and view an optimized route for travel.

### **London Taxi Finder, *Python, Django, HTML, CSS, Javascript, AJAX, Bootstrap***

A full-stack web application with a similar premise as Uber, but specifically for London Black Cab Drivers and passengers. My reasoning for building the app came after speaking to my father, who is a London Black Cab Driver himself, and hearing the astronomical fees that the current apps on the market take from the drivers. The app allows users to sign up as either drivers or passengers, and each account type is presented with a different user interface once logged in. Passengers are able to request a ride with a start and end address, and drivers are able to accept those rides. Once accepted, passengers are able to see which driver has accepted the job, and view their location on an interactive map, created using the Google Maps API. The process of accepting/canceling rides was seamlessly integrated into the user interface by implementing AJAX post requests sent to the Django back-end, creating a smoother and more responsive user experience. Once a ride is complete, both the driver and passenger can leave a review of one another, from 1-5, which is then integrated into their star rating.