

# James Vincent Taylor

## Full Stack Developer

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## Skills

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I have recently finished studying to become a Full Stack Developer with Mayden Academy and whilst I have a varied work history including as an Ecologist and a Bicycle Mechanic I have found my calling in Software Development. Boosted by the dedication and perseverance I have learned through sports, martial arts and later rock climbing, I have thrown myself fully into expanding my knowledge with every spare moment I possess. I am currently looking for my next challenge, one that will allow me to move to the next level and a working environment that will nurture a relentless desire to expand and improve what I know.

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At Mayden Academy, a full-stack, intensive, 16 week course where I learned the fundamentals of programming using **SOLID** principles in an **OOP** style utilising **frameworks** and up to date software, patterns and **Unit Testing**. I also became a **Certified Scrum Master** and worked as an agile team to produce 7 projects as well as many other smaller individual projects. Below is a list of my favourites, or take a look at my portfolio:

<https://incorrect-password.github.io/>

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## Projects

### Academy Portal / Legacy PHP

<http://bit.ly/academyPortal>

A legacy project built with **Slim** with an **MVC** pattern, we used **PHP** to improve and add to the live software that Mayden Academy use to manage their new applicants, hiring partners and events.

### Finance Calculator / TypeScript PWA

<http://bit.ly/financeCalculator>

For future students to calculate the costs of studying with Mayden Academy I built a finance calculator using **GulpJS** to compile **SCSS** to **CSS** and **Typescript** to **ES5** as well as using **Handlebars** to make a lightweight, responsive app that works offline, automatically go full screen like a native app and will suggest adding a link to your homescreen if you have a compatible browser.

### Bread and Ifits /Recipe Recommending Service

<http://bit.ly/breadandifits>

Utilising **SCSS** and **SOLID OO PHP** along with **MySQL** we built a website that accepts user ingredients and suggests recipes by using **cURL** to

interact with an **API**. We used paired programming and peer review to maximise code quality in a realistic working environment.

### **Cobra Paint / JavaScript Painting Application**

<http://bit.ly/cobrapaintapp>

Our first outing in **JavaScript**, we built an app that allows you to draw in any colour you like, erase any mistakes and choose a canvas size. It was created in an **Agile/Scrum** team for which I was **scrum master** shortly after I qualified as a scrum master.

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## **Job History**

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### **Head Mechanic/Supervisor/ Evans Cycles**

June 2013 - August 2019, Cardiff

As a member and later a leader of the workshop and shop floor teams I had the opportunity to expand my team working and leadership skills whilst also gaining qualifications as a mechanic. I became a fire warden and renewed my first aid qualifications in this time as well.

### **Field Ecologist/ Ahern Ecology**

March 2013 - June 2013, Bristol

After working as an Ecologist and holding similar roles in Australia I began a contract as part of a remote team performing Great Crested Newt surveys on behalf of the Hinkley Powerplant development.

### **Ecology Related Jobs/ Australia**

March 2012 - December 2012, Western Australia

I worked as a Graduate Ecologist and Field Assistant for EcoJobs, Ecological Australia and Bamford Consulting Ecologists.

### **Customer Service/ Cardiff**

March 2006 - January 2012, Cardiff

During and after University I worked for Tesco, AA Insurance and WHSmith building great people and team working skills.

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## **Education**

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### **Mayden Academy/ Full Stack Track**

August 2019 - December 2019, Bath. <https://mayden.academy/>

Starting with the very basics of software development through to working with frameworks in an agile team I have gained a good understanding of everything required to start my career as a full stack developer.

### **Zoology/ Cardiff University**

September 2007 - June 2010, Cardiff

Following on from A levels in science and mathematics I continued to build robust logical and problem solving skill set within a framework of scientific reasoning, statistics and peer review.