

# Jordan Walker

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## TECHNICAL SKILLS

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|--------------|-----------|-----------|---------|
| ▪ HTML5      | ▪ PHP     | ▪ MySQL   | ▪ Redux |
| ▪ CSS3       | ▪ Python  | ▪ Laravel |         |
| ▪ JavaScript | ▪ Node.js | ▪ React   |         |

## PROJECTS

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### BOOKABLE.

- An ecommerce book store and social cataloguing application.
- Users can browse, shortlist, rate, review, and purchase hundreds of books.
- Built a backend RESTful API using Laravel and MySQL.
- Built a token-based OAuth 2.0 compliant authentication system with cookies and Laravel Passport.
- Built a complementary front-end application with React and Redux.
- Used Bootstrap and the React-Bootstrap to build an interesting and interactive UI.
- Integrated the Stripe Payment Intents API for collecting payments in compliance with the new Strong Customer Authentication (SCA) European legislation.

SOURCE CODE: [github.com/jlwalkerlg/bookable](https://github.com/jlwalkerlg/bookable)

LIVE DEMO: [bookable.walkerjordan.com](http://bookable.walkerjordan.com)

### BELLONA

- A custom PHP framework inspired by Laravel.
- Features include a service container, automatic dependency injection and implicit model binding, authentication and authorization, an explicit routing system, a query builder with prepared statements, in-built CSRF protection, and more.

SOURCE CODE: [github.com/jlwalkerlg/ingaming](https://github.com/jlwalkerlg/ingaming)

### INGAMING

- An ecommerce video game store and CMS built with the Bellona framework.
- Users can browse games, watch trailers, add games to their cart, and purchase them.
- Admin can create and delete games, update game details, and change the featured game that is displayed on the landing page, via an admin-only dashboard.
- Built largely as an example website while building and testing the Bellona framework.
- Integrated the PayPal/Braintree API to securely accept payments via credit card or PayPal.
- Developed a custom-built UI with SASS and vanilla JavaScript, bundled with Webpack.

SOURCE CODE: [github.com/jlwalkerlg/ingaming](https://github.com/jlwalkerlg/ingaming)

LIVE DEMO: [ingaming.walkerjordan.com](http://ingaming.walkerjordan.com)

## EDUCATION AND TRAINING

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### ACADEMIA

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|---------------|---|
| DECEMBER 2018 | MSc. ATMOSPHERE-OCEAN DYNAMICS, UNIVERSITY OF LEEDS, LEEDS.<br>Distinction.<br>Final year project: steady state and stability analysis the thermohaline circulation using Runge-Kutta time-stepping schemes and fixed-point analysis in Python.   |
| JUNE 2017     | BSc. PHYSICS WITH ASTROPHYSICS, UNIVERSITY OF LEEDS, LEEDS.<br>First Class Honours.<br>Final year project: Active Galaxies in the Nearby Universe. Included spectroscopic analysis and modelling of narrow-emission lines from Active Galactic Nuclei using Python, to investigate the correlations between classification, age, and metallicity. |

JUNE 2013    HANSON SCHOOL, BRADFORD  
A-Levels: Mathematics A; Biology A; Physics B.  
GCSEs: 10 A\*-C including Physics A\*; Biology A\*; Mathematics A; Chemistry A; English B.

## ONLINE TRAINING

LINKEDIN LEARNING    Various courses from front-end to back-end development.  
Topics included: Object-oriented PHP, web security, accessibility, HTML semantics,  
test-driven development, GIT version control, database design and much more.

UDEMY    Courses included: The Web Developer Bootcamp; Object Oriented PHP & MVC;  
JavaScript: Understanding the Weird Parts; Learn and Understand NodeJS.

## EMPLOYMENT

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JUNE – SEPTEMBER 2017    TYRE FITTER

- Repaired punctures and fitted new tyres according to customer requirements.
- Dealt directly with customers to discuss their needs and any complaints.
- Shared responsibilities and workload with other team members to ensure business runs smoothly.

## HOBBIES AND INTERESTS

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- Programming
- Rugby
- Travel
- Animal welfare