

Iestyn Gage

Software Engineer

Contact Details

<https://www.iestyngage.com>

<https://www.github.com/IestynGage>

Core Skills

Full-Stack Development
Web & Mobile Development
Troubleshooting & Debugging
Agile Methodology
Code Review
User Experience
Documentation
Team Collaboration

Programming Languages

JavaScript | TypeScript | HTML | CSS
Java | Swift | PHP | Python | SQL

Tools

Git | Gitlab | GitHub | NodeJS
Yarn | NPM | WSL | VSCode | IntelliJ
Gradle | Jira | Excel | Postman

Languages

English | First language
Welsh | Basic proficiency

Career summary

Growth-focused Full Stack Software Engineer with a one-year achievement record in agile environments and experience combining all facets of software, web, and mobile development. Verifiable proficiency in developing innovative high-performance products and applications. Committed to excellence, readable, reliable, testable, and maintainable code.

Achievements

- Contributed to 7 codebases using 6 different languages in a commercial environment
- Achieved 80% on a group project for our Software Engineering Module

Professional Experience

CoreFiling | Oxford, England | Hybrid

Junior Software Engineer | 02/2021 – Present

Developed software solutions to process XBRL data for regulators and filers.

Languages: Typescript, JavaScript, Java, HTML, CSS,

Frameworks: React, Swagger, Liferay

Tools: NodeJS, Git, Gitlab, WSL, VSCode, IntelliJ and Jira

- Full-stack developer, with a focused on the front end.
- Pioneering new front-end pages and components to maximise usability, simplify navigation, and create a seamless user journey for a new product.
 - Leveraging swagger to develop new APIs endpoints while also conducting simple implementation changes.
 - Conducting 3 amigos meetings and performing code review for minor and major changes to identifying issues
- Collaborating with back-end developers to develop new features
- Supporting QA and PM to identify and address pain points, bugs, and issues.
- Facilitating knowledge sharing and improved README.md and getting started documentation to streamline developer onboarding process
- Methodically documenting and managing defects, partnering with other team members in developing and implementing resolutions, and accelerating product improvement.
 - Coordinating major changes and successfully upgrading react router from version 5 to 6

TalkOut Technology | Birmingham, England | Remote

Junior iOS Developer | 11/2020 – 12/2020

Contributed to a social media app with a mental health focus.

Languages: Swift,

Frameworks: SwiftUI, UIKit

Tools: XCode, Git and Azura

- Supported a multi-discipline team in developing and releasing an iOS application.
 - Produced UI tests and refactored generated code to enhance readability.
 - Prototyped, and presented an interactive widget, increasing usability and enhancing the user experience.



- Utilised SwiftUI and UIKit in learning projects in preparation of refactoring app from UIKit to SwiftUI

Aberystwyth University | Aberystwyth, Wales

Computer Science Demonstrator | 10/2018 – 12/2018

Supported and marked first year student's assignments.

- Mentored, guided, and supported first-year students in various programming topics, fixed code, and marked assignments, empowering students to enhance their programming skills.
- Marked **more than 30** students work

Education & Qualifications

2017-2020

Aberystwyth University

BSc Computer Science and Artificial Intelligence

First Class Honours, relevant modules including:

Artificial Intelligence	81	Modelling Persistent Data	81
Software Engineering	80	Program Design Data Structure and Algorithms	79
Mobile Development with iOS	79	Machine Learning	72

University Projects:

- Designed and created java desktop application that managed an online database in coordination with colleague
- Created a Conference iOS application for a Mobile Development module's assignment

Dissertation Projects

- Java based project where I generated and solved "Rush Hour" puzzle using AI in addition there was a GUI element where you could create your own levels as well as play randomly generated levels

2015-2017:

Llanishen High School and Cardiff High School

A-Level:

Business Studies	B	Welsh Baccalaureate	B	Maths (Statistics)	C	Computer Science	C
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2013-2015:

Llanishen High School

Achieved Nine GCSE (between A-C), including:

Maths	A	Additional Science	B	ICT	B	English language	C	Business Studies	C
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Volunteering

10/2015-03/2016:

Llanishen Leisure centre

Kayaking Instructor Assistant

- Taught children the best practices of kayaking, creating a fun and immersive experience while maximising safety.

Interests

- I love to kayak. I love the social aspect of kayaking and the fact that communication is vital to the sport.
- I also like to read, some books I've recently read are "Don't make me think", "Predicting Irrationality" and "Why we Sleep". I prefer non-fiction books as I enjoy learning more about the world.
- I've attended a hackathon (HackNotts 2020) and hope to attend more hackathons and conferences.

Personal Project:

- Created my own personal website using React and deployed via Heroku
- Evolutionary Algorithm to complete the Card Problem
- Python script to process my debit and credit transactions for my budget

Referees available upon request