

Paul Boocock



<https://www.linkedin.com/in/pboocock/>

<https://github.com/paulboocock>

ABOUT ME

- Software Engineer with a keen interest in process improvement and working closely with those around me.
- Increasing interest in Data Science and helping organisations find insight from their Data.
- Delivered a wide range of technical materials in the field of Software Engineering.
- Experienced with C# (ASP.NET), Python (Flask & SQLAlchemy), JavaScript (Angular & React) & C++.
- Advocate of Lean processes and my thinking is heavily influenced by the Toyota Production System.
- Highly numerate individual. Creative and Intelligent thinker.
- Able to prioritise and meet deadlines effectively. Confident and Highly Motivated Individual.
- Continually developing new skills and keeping up with technological advancements.

EMPLOYMENT

Data Engineer (Team Lead)	Codeweavers	Jan 2019-Present
Full Stack Software Engineer	Codeweavers	Jul 2018-Jan 2019
<ul style="list-style-type: none">• Leading a team of Data Engineers and Data Analysts to find insight in Codeweavers Data.• Architecting and building a new data platform for Codeweavers Analytics (Snowplow, Google BigQuery).• Initial set up, development and ongoing maintenance of Looker business intelligence (BI) instances.• Building new APIs and features within the Codeweavers Platform.• Implementing new frontend user interfaces in the Codeweavers Showroom car dealer application.• Working closely with Product Owners to ensure excellent products are delivered to our customers.		
Hero Engineer	Hotjar	Oct 2017-Jul 2018
<ul style="list-style-type: none">• Software Development on the Hotjar Platform and Internal Tools.<ul style="list-style-type: none">- Python (Flask, SQLAlchemy), JavaScript (React, Redux), Mercurial, PostgreSQL and Docker• Supporting Customer Experience teams by building internal tooling.• Investigating Hotjar users site configurations to enable better Hotjar experiences.• Identifying and fixing bugs and issues in the Hotjar Platform.• Supporting Customer Success teams with technical product demonstrations.• Helping improve Agile processes and thinking across all Hotjar teams.		
Academy Leader	Codeweavers	July 2015-Oct 2017
<ul style="list-style-type: none">• Pairing with developers writing C# & JavaScript to share good programming practices.• Agile Coaching and Mentoring across Development, Client Support and Operations teams.• Training and development of new recruits and existing team members.• Working closely with developers and others in the business to design and deliver a wide range of courses.• Building strong relationships with local educational establishments.		
Lecturer in SE & Games Programming	Staffordshire University	Nov 2012-July 2015
<ul style="list-style-type: none">• Lead and teach on a number of varied Software Engineering and Games Programming modules.• Teaching topics such as Mobile & Game Engine Architecture, Design Patterns, Parallel Programming.• Supervise a number of Final Year Student projects in a variety of areas.• Fellow of the Higher Education Academy.• Awarded Individual Excellence in Teaching and Learning Support at Celebrating Staff Success 2014.		
Software Developer	Premier Software Solutions	Feb 2012-Oct 2012
<ul style="list-style-type: none">• Developed large scale enterprise software using C# and T-SQL for the Spa & Wellness industry.		
Graduate Systems Engineer	Capula Ltd	July 2011-Feb 2012
<ul style="list-style-type: none">• Utilities department, large scale SCADA replacement programme using C#, MS SQL and Wonderware.		
Developer	Galleria-RTS	June 2009-May 2010
<ul style="list-style-type: none">• Developed software using Visual Basic 6. Delivered to enterprise retailers within strict SLA's.		

EDUCATION

2018-Est. 2023 University of Edinburgh

Data Science, Technology and Innovation (Online Learning) MSc – Currently studying

A flexible online programme covering a range of disciplines within the field of Data Science. Taught by schools from across the University of Edinburgh in the sciences, medicine, arts and humanities.

2013-2014 Staffordshire University

Higher and Professional Education PgCert – Merit

Focused on enhancing student learning and the range of strategies we might use to meet their needs.

2007-2011 Staffordshire University

Computer Games Programming (Sandwich) BSc (Hons) – First Class

Achieved an average score of 14.125 (94.2%) across all modules.

This award is focused on developing software engineering skills relevant to computer games. It explores a number of languages, especially C++ and C#.

2005-2007 St Marys College, Blackburn

A Levels: Computing (A), Maths (A), Further Maths (B), Physics (C) **AS Levels:** Critical Thinking (C)

2000-2005 St John Fisher and Thomas More R.C. High School, Colne

GCSEs: Maths (A), Science (AA), English (A), P.E. (A), R.E. (A), Applied ICT (BB), English Lit. (B), Spanish (C)

RELEVANT SKILLS

Conference Speaking

- Spoken on a range of topics, generally around Agile practices at conference around the UK.
- Agile on the Beach 2016, Agile Manchester 2017, Agile Cambridge 2017, NorDevCon 2019.
- My first conference talk at Agile on Beach 2016 is available online: <http://bit.ly/pbAgile2016>.

Programming Skills

- Proficient in C#, SQL, JavaScript, Python, R, C++ and Objective-C.
- Commercial exposure to C#, JavaScript, Python, SQL and NoSQL databases.
- Analytical & BI experience with Snowplow, Google BigQuery and Looker.
- Web development experience using AngularJS, React, ASP.NET Core and MVC, HTML & CSS.

Development Methodologies

- Strong appreciation for software development methods, including Agile (Kanban, XP & SCRUM).
- Knowledge of UML, ERM, Use Case and other software design techniques.
- Deep understanding of Atlassian Jira having administrated Jira at Hotjar and Codeweavers.

Teaching Skills

- Experience in delivering a wide range of material from very theoretical to hands on software dev.
- Used to dealing with individuals of mixed skillsets and adapting the level of teaching to suit.

Team and Communication Skills

- Enjoy working as part of a team. Confident to give feedback and offer suggestions to my team.
- Experience with personal tutoring and building close relationships with individuals.

OTHER INTERESTS

I like to spend my time keeping up with what's happening in the world, from multiple news sources. I also enjoy spending time on Reddit browsing a variety of subreddits such as r/science, r/webdev, r/datascience, r/soccer and r/formula1. I enjoy heading out on my Mountain Bike even doing a 60 mile bike ride for a local charity, Katherine House Hospice. I recently renovated the majority of my house from the bedrooms to the kitchen, although I now find myself studying for my degree in the evenings or watching Netflix with my wife.