




# Alan Kerby

 +44 795 069 2029 |  [alankerby@gmail.com](mailto:alankerby@gmail.com) |  Manchester, UK & Remote

 [github](#) |  [researchgate](#) |  [linkedin](#)

I have a background in biomedical research involving development, testing, analysis, interpretation of data, and communication of findings. I developed an image analysis approach used by my department which helped me to understand the power of code to deliver elegant solutions, insightful analyses, and engaging interfaces. I would like to apply the experience from my career so far and my software development skills to undertake a software developer role.

## Education

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**PhD Physiology** | King's College London | Oct 2009-Oct 2012  
**Masters Integrative Biomedicine (Merit)** | King's College London | Oct 2008-Jun 2009  
**BSc Zoology (2:1 Hons)** | University of Wales, Aberystwyth | Sep 2003-Jun 2006

## Employment

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**Research Assistant / Research Associate** | University of Manchester | Jun 2014-Present  
**Research Associate** | King's College London | Oct 2012-Apr 2014  
**Senior Research Technician** | University of Cambridge | Aug 2006-Apr 2008

## Github Projects

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- **spring-boot-angular-ecommerce** | Demo eCommerce webapp for a pitch to a prospective client.
- **dynamic-qupath-scripts-cd31-sna** | Scripts were developed for Qupath image analysis software to dynamically adjust the analysis to improve the accuracy of the detection for each tissue section.
- **battleships-game** | CLI version of the classic game Battleships

## Certifications & Training

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- **Software Development Bootcamp** | QA | Nov 2021-Jan 2022
- **Bioinformatics and Systems Biology MSc Modules** | University of Manchester | Oct 2021-Jun 2022
- **Microsoft Certified** | Azure Fundamentals
- **Oracle Certified Associate** | Passed audited mock exams
- **LinkedIn Learning** | HTML Essential Training, CSS Essential Training
- **Software Carpentry** | University of Manchester | Introduction courses to R Statistics, Shell, and Make

## Skills

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- **Software Development** | Java, Groovy, Spring Boot, HTML, CSS, JavaScript, Python, SQL, Linux, Agile, Jira, DevOps, Git, IDE
- **Supervision** | Co-supervision and training of undergraduate and masters students
- **Project Management** | Collaborated with colleagues on multiple site projects
- **Media** | Ableton, Photoshop, Davinci Resolve
- **Interests** | Mountain Biking, Music Production