

# STEWART MCGOWN

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<https://twistedcore.co.uk>

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## EDUCATION

**University of St Andrews**  
MSc Computer Science

Sep 2017 - May 2022  
St Andrews, Scotland

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## EXPERIENCE

### Young Scientists Journal

Head of Production / Lead Software Engineer

July 2015 - Present  
Cambridge, England

- Peer-review science journal for authors under 21
- Built a management system for articles while providing a collaborative document editor.
- Using Vue, built a new article submission workflow to improve author experience
- Migrated a legacy Annotum instance to modern technology stack, including; Docker, Vue and Drive.
- Redesign of front-end website for better reader and author engagement

### Guile Digital

Full Stack Developer

Nov 2018 - Jan 2019  
Hertfordshire, England

- Implemented modular components for large team projects. Used Docker Swarm to deploy and manage.
- Worked with tight deadlines on custom solutions, including PHP plugins and Single Page applications.

### Twisted Core Design

Web Developer

Feb 2015 - Present  
Livingston, Scotland

- Created functional designs and workflows.
  - Built range of simple and complex websites for clients
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## SKILLS

- Programming Languages: Java, JavaScript (including ES7+), Google Apps Script, Python, familiar with C/C++, MATLAB
  - Frameworks: Vue, Node, Hadoop
  - Server Administration: NGinX, Apache, Debian & Red Hat based Linux, MySQL
  - General: Enterprising, Project Management, Independent & team problem solving
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## PROJECTS

### PhotoMap JavaScript

Replicates the Apple Photos album mapping experience for users of Google Photos

<https://twistedcore.co.uk/photomap>

### Article Management JavaScript

A robust, white-label solution for academic paper submission and management. Used by the Young Scientists Journal.

<https://github.com/youngscientists/article-management>