


# Matthew Butler

## Software Developer

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[hyperiondev.com/portfolio/134729/](https://hyperiondev.com/portfolio/134729/) 

[m-j-butler \(Matt\) \(github.com\)](https://github.com/m-j-butler) 

*Aspiring software developer;  
software engineering bootcamp  
graduate*

### TECH STACK

Python	<div><div></div><div></div><div></div><div></div><div></div></div>
SQL	<div><div></div><div></div><div></div><div></div><div></div></div>
HTML	<div><div></div><div></div><div></div><div></div><div></div></div>
R	<div><div></div><div></div><div></div><div></div><div></div></div>
Javascript	<div><div></div><div></div><div></div><div></div><div></div></div>

### ACHIEVEMENTS

Google FooBar coding challenge completed (in Python)

CgMs: created an integrated GIS template for reports, increasing workflow by 200%

Kent HER: analysed over 6,500 records for the SHINE project, exceeding my target by 40%

### ADDITIONAL SKILLS

ArcMap / QGIS

AutoCAD

Photoshop / GIMP

MySQL / MS Access

MS Excel / Google Sheets

Documentation in Markdown

Excellent problem solving and logical reasoning skills

Attention to detail

### SOFTWARE DEVELOPER SKILLS

Object-Oriented Programming

Defensive programming

Dynamic programming

Error handling in Python

Test-driven development

Importing libraries in Python

Version control with Git

Sound knowledge of writing SQL queries

Understanding of HTML coding and CSS

Data manipulation and graphing in R

Basic understanding of Javascript

### EDUCATION / CERTIFICATION

Certificate in IT Automation Google	exp. Sep 2023
Software Engineering Bootcamp HyperionDev	July 2023
Certificate in Data Analytics Google	2023
BA (Hons) Archaeology - First Durham University	2008

### WORK HISTORY

GIS and Graphics Technician Freelance	2015 - 2020
Graphics Assistant CgMs Consulting	2013 - 2015
Historic Environment Record Officer Kent County Council	2011 - 2013

References available on request