



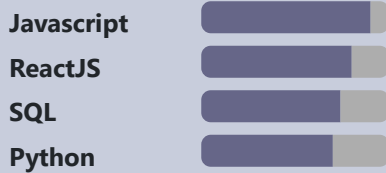


JACK GOODING

Contact

 Pinhoe, Exeter, EX4
 J-Gooding-@outlook.com
 jack-gooding.com
 github.com/jack-gooding

Key Skills



Attributes

- Logical
- Quick Learner
- Enthusiatic
- Adaptable

I'm a technology enthusiast, very interested in making things both physical and digital. I enjoy a challenge and love solving problems. I've always been very interested in computers and the surrounding technology and I'm very up to date with news, updates and releases. I have extensive experience supporting all major operating systems, mobile devices and peripherals.

Skills

Web:	HTML, CSS, LESS/SASS, JavaScript, JQuery, Angular
Server:	Node.js, React, Electron, AWS, SQL, Python
Rapid	CAD (Solidworks, Onshape), 3D Printing, Laser
Prototyping:	Cutting, Arduino
Addition	Escalation Support, Equipment Installation,
Experience:	SQL/SQLite, AWS/Azure

Personal Projects

Personal Website

As a test of my abilities, I put together a static personal website with multiple sections, routed through Angular. This page is hosted on a custom domain at jack-gooding.com, and has sections for my current projects and interests. There are also several subdomains attached which are linked to various servers I have between AWS and local devices. This CV is written using HTML and hosted here.

Home Automation





A NodeJs server running on a Rasberry Pi 3b: this project's goal is to control all the IoT devices I have from one interface, from commercial products to devices that I've made using either Arduino microcontrollers or a Raspberry Pi. These devices include Philips Hue Bulbs, TP-Link WiFi Plugs, Temperature/Humidity Sensors, databases, Stepper/Servo Motors and WS2812b LED strips.

Idle Game

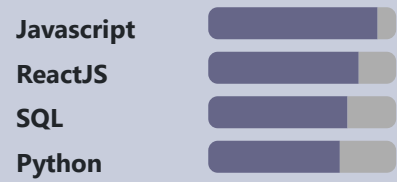
I have always enjoyed Idle Games, and I thought that creating one would be a good way of increasing my knowledge of JavaScript and general web design. I started building while still learning a lot of the basics of JavaScript as an outlet to experiment and try the new methods I learned in an actual project. I set myself the challenge of having as little HTML hard coded, and instead generating it using JavaScript and a few objects as a base.

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Employment

2019 - present	
Software Support Executive - Webrecruit	
• Support	
2016 - 2018	
Software Support Agent - John Lewis	
In this role, my main responsibility is to provide advanced specialist support for colleagues in the lower tiers of customer support. This support is primarily troubleshooting issues customers have faced with their purchases, whether hardware or software related. I am required to constantly use my own in-depth knowledge of the main operating systems and popular devices, as well as learning and researching new information and techniques rapidly, while also handling either one of my colleagues or a customer. In addition to this, I step up to fill spaces in all other facets of the business, providing cover wherever needed, including managerial positions, direct customer support and staff training.	
• Support	

Education

2012-2016	
University of Plymouth	
BEng Mechanical Engineering - Lower Second Class Honours	
Engineering Drawing, CAD, and Design 69%	
Introduction to Thermo-Fluids 64%	
Engineering Mathematics 61%	
Integrated System Design 61%	
Business Dynamics 59%	
Mechanics 59%	
As part of my Third Year at Plymouth University, I completed a dissertation on efficient energy generation in rural areas, which focused on a small village in Cameroon, West Africa, with a very weak and unreliable power grid. I researched the area, determined which method of energy generation was most suitable, selecting wind turbines as the most practical and then tested several designs to determine the most efficient blade type, whilst minimising the necessary materials and cost of the solution.	
2006-2012	
Tavistock College	
A-Levels	
A* - Electronics (100%), B - Maths, B - Physics	
GCSEs	

11 GCSEs including Electronics, Maths, Physics,
Chemistry, Biology and Graphic Design