



Adam Robinson

Hi, I'm Adam Robinson, a software developer and maker based in London.

Within my career, I'm aiming to combine my technical ability and understanding of design principles to produce engaging user-centred tools.

I'm looking for opportunities which embrace experimentation and will allow me to develop new and existing skills.

LINKS

[3D PORTFOLIO]

<https://adamrobinson.dev>

[BLOG]

<https://attackingpixels.com>

github.com/adamistheanswer

[linkedin.com/in/adamgrobinson](https://www.linkedin.com/in/adamgrobinson)

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WORK EXPERIENCE

FULL STACK DEVELOPER @ DEFTY

Dec 2018 - June 2020

Defty was shut down for commercial reasons in June 2020. It was a greenfield project which comprised of an easy to use website builder and domain registry platform aimed at small to medium-sized businesses. "A great site in 20 minutes for £20"

Working in a small start-up dev team (I was one of 3 initial hires) allowed me to take on a great deal of responsibility within my role, through contributing to all microservices within the product, from their conception and being involved with key design and architectural decisions.

Notable accomplishments in this role have been:

Working as a team in React (Typescript) to build the customer facing dashboard and website builder whilst keeping up with best practices (CI Pipeline, AWS), testing (jest e2e & visual regression) and new framework features (hooks)

Building up a vast component library for use across all Defty front-end projects (using storybook for team visibility)

Built a disaster recovery program (Infrastructure as Code) to re-provision and deploy all docker microservices to AWS

Working with the CTO on an Extensible Provisioning Protocol (EPP) server for managing domain names from registries.

Building Express APIs and a Postgres database migration tool

Building the products static documentation site in Gatsby

Configuring the deployment of Phoenix Environments to AWS during the Circle CI build flow on developers Pull Requests

Tech Stack:

Typescript, React, Node, Express, Postgres, AWS

DIRECTOR & DESIGNER @ ATTACKING DESIGN

Jan 2014 - Jan 2017

Attacking Design was founded by myself and two fellow Leeds Product Design graduates. It later grew to employ a small team of local designers. In Oct 2015 our agency was selected for the Entrepreneurial SPARK business Accelerator program backed by PWC & Natwest.

Attacking Design was responsible for producing work for high value clients such as the NHS (Drinkaware), Procter & Gamble (Gillette) and The National Grid. In June 2015 our wearable sleeping bag design (SLPY) became a finalist in Virgins "Pitch to Rich".

Projects - Product Development, UX & UI, Prototyping, User-Centered Research & Analysis, Graphic Design

Personal Responsibilities - Business Operations & Management, Creative Direction, Client Meetings, Pitching

TECHNOLOGIES

Languages

Javascript
TypeScript
Python
Java

Frameworks & Libraries

React
Gatsby
Styled Components
Node.js
Express
Three.js
D3
Kepler.gl
Flask

Databases

Postgres
GraphQL
MongoDB

AWS

S3
Lambda
CloudFront
Route53
Elastic Beanstalk
DynamoDB

Tools

Docker
CircleCI
Storybook
Percy
Postman
Zephlin
Adobe Suite
Blender

HOBBIES & INTERESTS

Long Distance Running
Record Collecting
Backpacking
Building Spaceframe Bikes
Illustration & Graphics

Human-Computer Interaction
(VR & AR)
Open Source Manufacturing
Raspberry Pi Projects
Hacking & Making
Three.js & WebGL
Brutalist Design
3D Modeling

LEAD PRODUCT DESIGNER @ SLPY

Mar 2014 - Dec 2016

Design and manufacture lead for the SLPY wearable sleeping bag product and brand. I worked on this venture from the conceptualisation of the product through to December 2016 when the product owner (BlackLeaf) cut funding to the project.

In June 2015 this product became a #VOOM Pitch to Rich Finalist (Virgin Business, Start-up Category)

PRODUCT DESIGNER @ DISRUPTIVE INNOVATION

Jun 2013 - Jan 2014

During my degree exhibition, I was extended a job offer to work at Leeds based agency, Disruptive Innovation. In my brief role as a junior designer, I completed a mixture of print, marketing, UI and 3D CAD work. My largest project being the design of the user interface for a new range of smart home thermostats for the client Heatmiser. I left Disruptive Innovation to pursue my own business venture.

EDUCATION

M.Sc COMPUTER SCIENCE UNIVERSITY OF BIRMINGHAM

(Distinction) Sept 2017 - Sept 2018

Key Modules - Module Average : **74.5%**

- Software Workshop (Java)
- Data Structures & Algorithms
- Databases (Postgres)
- Software Engineering
- Human Computer Interaction
- Artificial Intelligence
- OS's and Networks
- Cyber Security

Dissertation - **Distinction 79%**

The Visualisation of Device Footprints Through 802.11 Probe Request Frames - <https://bit.ly/2FbCA5W>

Area - Networking, Privacy, MAC Randomisation, Device Tracking, Visualisation

Technologies: MongoDB, Kali Linux, Raspberry Pi, Javascript, Python & Flask

ENTREPRENEURIAL SPARK- LEEDS HATCHERY

Oct 2015 - Oct 2016 - Business Management

Attacking Design (Director) was selected for the Entrepreneurial SPARK business Accelerator program backed by PWC & Natwest.

B.Des PRODUCT DESIGN - UNIVERSITY OF LEEDS

(First Class. Hons) Sept 2010 - May 2013

Key Modules

- Design Studio
- Testing & Ergonomics
- Digital Solutions
- Economics and Management
- Manufacturing
- Research & IP Awareness
- Advanced Electronics
- Mechanical Systems

BISHOP HEBER HIGH SCHOOL

A Level - Applied ICT (A) Product Design (A*) Biology (A)