

Tom Crisp

MSc. BEng.

Having initially read a Mechanical Engineering bachelors degree, now looking for an exciting career opportunity within software. He is a highly adaptable candidate with a deep passion toward problem solving and the forever pursuit of knowledge, taking pride toward the production of high quality, flexible code that aims to evolve with ever changing requirements.

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Education

A Levels

BMET College 2013-2015

- A* Mathematics
- A Physics
- A Business
- B Further Mathematics
- B Computing

Mechanical Engineering BEng Computational Modelling Pathway

University of Southampton 2015-2018

- Upper First Class 1:1
- 77% Average

Computer Science MSc

University of Birmingham 2018-2019

- Average module grading: 86%
- Awaiting Dissertation mark

Experience

Aston Martin

FEA & Design Engineer

Summer Placement 2017

Part of my role at this company was to work on the latch mechanism to provide detailed assemblies and drawings on the second generation vanquish model. I was further involved in the integration of simulated stress tests using the finite element method.

Concentric AB

Development Engineer, July 2016 - June 2016

A short 4 week placement had me rotating around different departments, involved in the electrical circuit design of a centrifugal fuel pumps. Followed by helping set up rigs for pump testing and finally tasked to design a wankel engine to a strict specification.

Skills

Languages

- Java ★★★★★
- Javascript ★★★★★
- Python ★☆☆☆☆
- PHP ★☆☆☆☆
- C# ★☆☆☆☆

Markup

- HTML ★★★★★
- CSS ★★★★★

Libraries

- Ramda ★☆☆☆☆
- React ★★★★★
- React-native ★★★★★
- Node.js ★★★★★
- Firebase ★★★★★

Systems

- Linux ★★★★★
- Windows ★★★★★

Methodologies

- SCRUM ★★★★★
- XP ★☆☆☆☆
- Kanban ★☆☆☆☆

Other

- Git ★★★★★
- Maven ★★★★★
- REST ★★★★★
- Docker ★★★★★
- Functional Paradigm ★★★★★