

MARTIN SCHMIDT CV

OBJECTIVE

I want to use my passion for computer science and engineering to work in a team, where I can be a fantastic contributor developing software, hardware and engineering solutions. I have built computers to specific end-user requirements and supported their use, web sites and engineered practical solutions. I would like to work for a company where I can find answers to make technical things work quickly and easily.

BACKGROUND

I studied at Surrey University for two one year towards a Computer Science Degree, and one year towards a masters in Aerospace Engineering in Brighton University. I enjoy interacting with people, understanding issues, and delivering software, hardware and engineering solutions.

COMPUTER SCIENCE & AEROSPACE ENGINEERING SUBJECTS

(PARTIALLY COMPLETE)

| | | | | |
|-----------------------|------------------------|-----------------|-------------------|----------------------|
| Manufacturing items | Varied materials usage | Group working | Presenting | Independent learning |
| Software engineering | Web Systems | Databases | Computer logic | Algorithms |
| Iterative Development | Energy Systems | Problem solving | Methodical worker | CAD |

TECHNICAL KNOWLEDGE – PROGRAMMING, OP SYSTEMS & ELECTRONICS

| | | | | |
|-------------|-------------------|----------------|-----------------|---------------------------|
| JavaScript | Mechanical Design | Windows, Linux | Game Design | PC Building & Maintenance |
| Python | Golang, C++ | PHP, SQL | Keyboard Design | Technical specifications |
| 3D printing | PCB design | Support calls | Electronics | Device Communication |

PROJECTS I HAVE DELIVERED – [PORTFOLIO WEBSITE](#)

Hardware – *designed, developed, tested and built a drone.*

Designed SW to enable communication to the Controller, Chassis development, Flight Controller.

Software – building bespoke gaming website

Web site design, back-end development including login management, storage and request processing.

Engineering – self caring Planter to a user specification.

A Planter with an automatic watering system, lighting and storage for maintenance tools.

EDUCATION

Surrey University Computer Science Degree (1 year, 2020-21)

Brighton University Aerospace Engineering Masters (first year, 2021-22)

St Bede's School Surrey A Levels Computer Science (A), Design & Technology (A), Maths (A), 11 GCSEs (2020)

EMPLOYMENT PART-TIME & INTERESTS

Oxfam Redhill – charity worker.

Santander Bank Redhill – finance work experience

Flying, CAA Op Procedures & Human Performance exam.

DOE, Bronze.

German, spoken & written.
