

David W. Arnold

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Computing

- OS's** Apple Mac OS, Apple iOS, Microsoft Windows 7/10, Ubuntu
- Skills** >_ UNIX CLI, </> Java, LATEX, git, HTML & CSS, </> PHP, 🔒 Cryptography, </> C++, </> Erlang, Apple AppleScript, </> JavaScript (w/ jQuery, AJAX & JQueryUI), MySQL, </> Markdown, ↗ Mathematics
- Projects** My First Website (PHP, HTML & CSS, JavaScript) | CSV to TXT Converter (Java)
Timestamp Media (AppleScript) | Ciphertext Decryption (Java) | IoT BLE & Motion Detection Device (C++)
IoT Admin Web App (PHP, HTML & CSS, MySQL) | IoT Central Server (Java)
- Events** 2017 Cisco University Challenge

Experience

💻 Red Bull Technology / Red Bull Racing

Milton Keynes, U.K.

IT STUDENT PLACEMENT

- A Year in Industry (university sandwich year) placement with the IT Service Desk based in Milton Keynes.
- Responsible for supporting, maintaining and optimising internal systems within a very technically hands-on environment.
- Expected to work well both individually and as part of a team.
- Main accountabilities during role:
 - Accepting IT related issues (via telephone/email and desk support)
 - Communication, building relationships and working with people across teams
 - Support and manage critical business applications and tools
 - Technical approach to problem solving
 - Setting up and configuring new laptops, desktops, tablets, phones and virtual machines
 - Participation in project work
 - Identify and propose opportunities to improve processes and systems
 - Knowledge of batch/windows scripts to automate tasks
 - Assist with inventory management of software, hardware and other IT supplies

💻 IT-Alan

Burmarsh, Kent, U.K.

ASSISTANT ENGINEER

- Computer repair & maintenance with a Microsoft Certified Systems Engineer.
- As the Assistant Engineer, my duties included first-hand experience in dealing with customers while assisting the Systems Engineer in one of the many services provided.

👤 Other

UK Driving Licence, Ex-Professional Golfer

Education

🏛️ University of Kent

Canterbury, U.K.

BSC COMPUTER SCIENCE WITH A YEAR IN INDUSTRY

Sep. 2016 - Jun. 2020

- Year 1: **86%**
 - CO320: Introduction to Object-Orientated Programming (Java): **97%**
 - CO323: Database and the Web (HTML & CSS, JavaScript, MySQL, PHP): **86%**
 - CO520: Further Object-Orientated Programming (Java): **94%**
- Year 2: **78%**
 - CO518: Algorithms, Correctness and Efficiency (Java): **80%**
 - CO539: Web Development (HTML & CSS, JavaScript w/ jQuery, AJAX & JQueryUI, PHP): **95%**
 - CO545: Functional and Concurrent Programming (Erlang w/ Haskell): **94%**

🏛️ Newberry College

Newberry, South Carolina, U.S.A.

MATHEMATICS MAJOR

Jan. 2015 - Oct. 2015

- I was offered a **100%** scholarship (golf and academic) to play for the Newberry College NCAA (National Collegiate Athletic Association) golf team while studying as a Mathematics Major.
- My GPA (Grade Point Average) for the time I was there was **3.80/4.00** (A-Grade).
- I returned to the U.K. to pursue a degree at a U.K. university.

🏛️ The Open University

Milton Keynes, U.K.

CERTIFICATE OF HIGHER EDUCATION (OPEN)

Jun. 2012 - Jul. 2014

- I studied (part-time) for two years: Computing, Psychology and Mathematics.
- Computing: Overall Continuous Assessment Score: **75%**, Overall Examinable Score: **89%**