

# David W. Arnold

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## Computing

**OS's** 🍏 Mac OS, 🍏 iOS, 🖥️ Windows 7/10, 🐧 Ubuntu

**Skills** >\_ UNIX CLI, </> Java, L<sup>A</sup>T<sub>E</sub>X, 📄 Git, 📄 HTML & CSS, </> PHP, </> JavaScript (w/ jQuery, AJAX & JQueryUI),  
🗄️ MySQL, </> Rust, </> Erlang, </> R, </> C++, </> Haskell, </> OCaml, 🍏 AppleScript,  
🔒 Cryptography, 📄 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

*Jun. 2018 - Jun. 2019*

- 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

*Jun. 2017 - Sep. 2017*

- 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.

👤 **Talks** 📄 Learn: Git, GitHub and JetBrains IDEs - aimed at Year 1 and 2 undergraduates

👤 **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%**