

David W. Arnold

🌐 <https://deltawhiskeyalpha.com> | 📄 d-w-arnold | 🌐 david-w-arnold

Education

🏛️ University of Kent

BSc COMPUTER SCIENCE WITH A YEAR IN INDUSTRY

Canterbury, U.K.

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

MATHEMATICS MAJOR

Newberry, South Carolina, U.S.A.

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

CERTIFICATE OF HIGHER EDUCATION (OPEN)

Milton Keynes, U.K.

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%**

🏛️ The Harvey Grammar School

GCSE (GENERAL CERTIFICATE OF SECONDARY EDUCATION)

Folkestone, U.K.

Sep. 2007 - Jul. 2012

- (**A-Grade**): Mathematics, Science, Additional Science, English, Design & Technology: Resistant Materials, BTEC Level 2 Certificate in Sport - Distinction*
- (**B-Grade**): Physical Education, English Literature, Geography, Media Studies
- (**C-Grade**): Business Studies, Statistics

Computing

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

Skills >_ UNIX CLI, </> Java, \LaTeX , Git, HTML & CSS, </> PHP, Cryptography, </> C++, </> Erlang, 🍏 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

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

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.
- Services provided:
 - Hardware Builds / Re-Builds / Upgrades
 - Data Recovery
 - Computer Re-Load: re-install the native OS
 - PC Tune-Up: software configuration to optimise for performance
 - Virus Removal
 - Software Installation
 - Home LAN Setup

Other UK Driving Licence, Ex-Professional Golfer

Hobbies

Golf

Before I became a Computer Scientist, I was a golfer. My golf career started at the age of 7. My grandfather, who lived next to Littlestone Golf Club (Kent, U.K.), bought me my first set of golf clubs for my 7th birthday. As a beginning amateur, I earned myself a handicap of 28 at the age of 8, and by the age of 19, I had brought that down to -1. Over the years I represented Kent County Golf Union in various fixtures for their various teams: Kent Under 13's, U14's, U16's (Captain), U18's.

In January 2016, I relinquished my amateur status and turned professional (aged 19) joining the EuroPro UK Golf Tour for the 2016 season. In August 2016, I hung up my golf clubs professionally in order to turn my attention to an unconditional offer for undergraduate study in Computer Science at the University of Kent. Golf remains a passion of mine, and will remain a lifetime hobby.

Motorsport

Motorsport is a strong passion of mine, I have a broad knowledge of cars and motor racing. I enjoy learning of new technological developments to make cars faster, safer and more efficient at speed. I really enjoy driving fast, having invested in multiple track day sessions with tuition from professional racing drivers to better my skill set.

Running

Running I find helps relax the mind and keep the body healthy. I participated in a half marathon in 2016 and hope to do more marathons in the future. When I'm at home in Kent, I enjoy runs along the seafront.

Home Computing

At my family home, I maintain numerous laptops, computers and smart-phones for all members of my family. I have also implemented, setup and maintain an extensive WLAN to improve Wi-Fi coverage and download speed at the furthest reaches of my family's house.

References

References on request.