

# David W. Arnold

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## Education

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### 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-Oriented 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

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**OS's** Mac OS High Sierra / Sierra / El Capitan, Ubuntu 16/18, Windows 7/10, iOS 9-11

**Skills** Java, HTML & CSS, JavaScript (w/ jQuery, AJAX & JQueryUI), MySQL, PHP, Erlang, Haskell, UNIX CLI, Git, L<sup>A</sup>T<sub>E</sub>X, Markdown, Mathematics

**Events** 2017 Cisco University Challenge

## Experience

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### 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.
- 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

**Languages** English, German (Conversational)

**Other** UK Driving Licence, Professional Golfer

# Hobbies

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## 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.

My golfing accolades include: Kent Schools Under 16 Champion 2011, Littlestone Junior Open Champion 2011, Kent Junior League Winning Team Member 2010, Kent U21 Scratch League Winning Team Member 2012, Kent Youth (U21) Championships 2013 - 6th place, Winner Peter Belsham Trophy (Scratch Matchplay - beating 2 England team players) 2013, Kent Men's Amateur Championships 2014 - 9th place, Kent Men's Scratch Matchplay (Guilford Trophy, team event) 2014 - 2nd place, South East Junior Foursomes (Kent U18 squad, Matchplay) 2014 - 2nd place, Kent Amateur Championships 2015 - Top 20.

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.

## Running

Running I find helps relax the mind and keep the body healthy while improving cardiovascular endurance. When I'm at home in Kent, I enjoy runs along the seafront; though when I'm at University of Kent, I enjoy running during the evenings when it's less crowded on the streets and a cooler temperature.

## Home Computing

At my family home:

- I maintain numerous laptops, computers and smartphones for all members of my family.
- I have implemented, setup and maintain an extended WLAN to improve Wi-Fi coverage and download speed at the furthest reaches of the house.

During the summer of 2017, I built my own website using PHP, HTML, CSS and JavaScript.

## Motorsport

Motorsport has been a guilty pleasure and passion of mine for many years. I have a broad knowledge of cars and motor racing from around the world. I enjoy learning of new technological developments to make cars faster, safer and more efficient at driving at speed. I really enjoy driving fast myself and have even received track day tuition from a professional racing driver at Brands Hatch Circuit.

## References

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### Dr. Carlos Perez Delgado

LECTURER & ACADEMIC ADVISOR

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### P. J. Hobden

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