

Alexander Conway

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EDUCATION

UNIVERSITY OF KENT

BSc IN BUSINESS COMPUTING

Graduated July 2012

COLCHESTER SIXTH FORM COLLEGE

4 A LEVELS

Graduated July 2008

THE GILBERD SCHOOL, COLCHESTER

11 GCSEs

Graduated July 2006

KEY MODULES /

SUBJECTS

UNDERGRADUATE

Introductory & Further Object Oriented Programming

Operating Systems & Architecture

Database Systems

Distributed Systems & Networking

Introduction to Intelligent Systems

Computer Networks & Communications

(Final Year Project)

Programming teaching tool, featuring an interpreter for a subset of Java

SKILLS

PROGRAMMING

Over 5000 lines:

C# • Java • SQL Server • VB/VB.NET

JavaScript • HTML • CSS/LESS

Over 1000 lines:

C • C++ • Python • PostgreSQL

Familiar:

Bash • Powershell • Android • LaTeX

PROFILE

I am a motivated, responsible and adaptable individual. My degree has helped me gain an analytical and logical approach to tasks. My current employment at Delphi has helped me develop exceptional time management and organisational skills. I have a passion for technology and I am beginning to gain a good level of experience with a wide range of technology. I strive to learn something new from every experience because I believe there is always room for self-improvement both personally and professionally.

EMPLOYMENT

DELPHI | IT ENGINEER + SOFTWARE ENGINEER

Sept 2013 – Present | Sudbury, Suffolk

- Leading a push towards internal web applications developed for Sudbury. Successful port of desktop app to web app already completed. Aiming for more applications to run on web browsers where appropriate. Using ASP.NET MVC and AngularJS technologies.
- Successful implementation of IIS Web Server to serve internal applications.
- Writing data analysis software using C#, contributing to a suite of data visualisation tools. Using WPF and MVVM design pattern.
- Writing bespoke applications for the business primarily in C# using WPF and MVVM.
- Leading a move towards virtualisation (VMWare ESXi), now running a number of systems on virtualised hardware.
- Machine Connectivity, responsible for providing a hardware and software solution to interface with PLCs to output data to SQL Server database.
- Windows 7 Deployment. Heavily involved in replacing hundreds of devices over two sites. Working to a very tight deadline to ensure seamless transition to new operating system.
- Direct Material Forecasting System. Ambitious project to provide an integrated cost forecasting system across two sites. Involved integrating two ERP systems QAD and SAP to provide forecasting analysis of material requirements and cost. Using SQL Server stored procedures, SQL Server Reporting Services and C#.

SIEMENS | SOFTWARE VERIFICATION & VALIDATION

2013 | Sudbury, Suffolk

- Testing embedded software on medical instruments.
- Executing manual and automated test plans.
- Investigating software faults on instruments.
- Gained excellent knowledge of the software development lifecycle.
- All code was reviewed and thoroughly tested, traceability of requirements right through to testing.
- Gained knowledge of IBM Rational products, including DOORS requirement management system.
- Present as the team was transitioning to Agile software engineering practices (Scrum).

Alexander Conway

PERSONAL INFORMATION

- Full clean UK driving license
- Eligible to live and work in the UK
- References available on request

EMPLOYMENT CONT.

COLCHESTER INSTITUTE | INFORMATION SYSTEMS ADMINISTRATOR 2012 | Colchester & Braintree, Essex

- Assisting team across two sites during the busy enrolment period.
- Checking accuracy of data held in college systems, querying Oracle databses.
- Creating Microsoft SSRS Reports from queries on SQL Server and Oracle databases.

PROJECTS / INTERESTS

PERSONAL WEBSITE | BLOG

<https://hexag.uk>

- Personal website using NodeJS and Express on the server and a PostgreSQL database. Client side using AngularJS and modified Bootstrap LESS.
- The website is self hosted and administered on a cloud VPS instance running CentOS Linux.
- Currently learning Facebook's React library and Flux design pattern.

SPORT & FITNESS

- Enjoy keeping fit, working out at the gym.
- Enjoy running and have recently taken up cycling.
- Interested in nutrition eating healthy and cooking nutritious food.