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| **Michael (Mike) Brown Short Resume** | **Key Skills** | |
| **Profile**  **Currently looking for a new position in a team where my efforts can go towards achieving organisational goals.**  In my previous roles I worked with C/C++ on 2-way radio, trunked radio networks and cellular mobile test systems.  My time at Qualcomm saw me progress from pure engineering through team leadership and final hands-on management position.  My last technical projects (2015/6) included implementation of fuzz test system (C++) and setting up an over the air test system (Perl) consisting of a bank of PC’s(Windows).  As a Manager I gave a course on C++ (2015) focusing upon its object oriented side (linked with test systems).  Recently I have been studying C++11 (threading, memory management and templates), C# (ASP.NET) and Web technologies (HTML, CSS and Javascript). | **Recently Gained**   * C++11 Lambda * C++11 Threading * C++11 Smart Ptr * HTTP * HTML * CSS * JavaScript * C# * PHP * ASP.NET MVC * Laravel * JQuery * Bootstrap * GITHUB * WinSock * Web Servers * Microsoft SQL Server * OO Design Patterns | **From Previous Roles**   * C++ * SQL * TCP/IP * Perl * Wireshark * Fuzz Testing * Object-Oriented Design * Microsoft SharePoint * AGILE SCRUM * User Story Boards * Quality improvement * Budget management * Customer support * Team development |
| **Qualifications & Professional Bodies**  2017 **Microsoft MTA**  98-361 Software Development Fundamentals, C#  2009 **Open University**  Degree Foundation Using Mathematics (85%)  1987 **Greenwich University**  2.2 BSc(Hons) Computer & Communication Systems  1989 **British Computer Society**  Chartered Engineer | **Courses and Studies**  **CppCon**   * Lock-Free Programming * C++? Know Your H/W * C++ Performance in Practice * C++ Memory Model   **Lynda**   * C# Essential * JavaScript Essential | **Pluralsight**   * High-Perf Comp C++ * Accelerated Intro C++ * HTML5 Fundamentals * CSS3 From Scratch * ASP.NET Webforms * OO PHP Constructs * Getting Started Laravel * HTTP Fundamentals |
| **Wireless Career Summary**  **2002- 2016 Qualcomm (Senior Staff Manager)**  Produced test scenarios on C++ (Visual) test systems.  Created integration test teams across multiple sites.  Created test plans, wrote reports and manage capital budgets.  Worked hands-on multiple test systems and scenarios (C++).  Gave training courses on mobile technology and C++ OOP.  Introduced SharePoint and Agile SCRUM to teams.  **1999 - 2002 Anite Telecoms (Senior Engineer)**  Developed mobile test systems in TTCN and C++ (Borland).  Representation at mobile standard bodies.  Managed team reporting on budgets and progress.  Provided mobile standards advice on multiple projects.  **1991 - 1996 Motorola PLC (Engineer / Senior Engineer)**  Developed C software for 2-way radio and MPT1327 trunked systems.  As configuration manager created SCMP based upon IEEE standards, S/W build environments with UNIX and SCCS version control.  Customer support for configurable radio systems. | **Software Development**  **Through self-study gained understanding of C++**.  Given training course to refresh programming skills of others. Increased number of engineers (from 2 to 6) who could work on C/C++ based test platforms.  **Developed and integrated test cases in C and C++.**  Supported developers in replicating field scenarios and new feature support.  **Led GSM protocol security fuzz testing program.**  Involved developing a new C++ test architecture that generated multiple non-standard messages under automation. Able to prove resistance of GSM protocol from over the air hacking attacks.  **C++ (Borland and Microsoft) Test Systems**  Worked in team that developed wireless mobile test systems. This included technical support (multi-tier, basic customer issues to those requiring interacting with standard institutions). | |
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