Bronson Gorham

Software Engineer - Veri-Logic LLC

Willing to relocate to: San Jose, CA
Authorized to work in the US for any employer

WORK EXPERIENCE

Software Engineer

Veri-Logic LLC   -   Bolingbrook, IL - May 2014 to Present

• Lead Software Engineer
• Designed, tested, and installed operator-level software solutions for use in an industrial environment (C#, VB6, SQL Server, C++).
• Software support, troubleshooting, and improvement of existing software.
• Setup and installed SICK barcode scanners, Zebra industrial printers, Cognex cameras, and RFID readers as part of customer's software solution.
• Implementation of both SQL and MS Access databases.
• Coding real-time devices in C for industrial applications.

Engineering Consultant

Varian Medical Systems   -   DE   - August 2016 to August 2016

- Germany
• Software support, troubleshooting, and improvement of existing device software.
• Gave technical presentations to Varian engineering staff.

Software Engineer

Forte Automation Systems   -   Machesney Park, IL - June 2008 to May 2014

• Designed, tested, and installed control programs for medical robots.
• Acquired a strong working knowledge of industrial controls including Kuka, Motoman, and Fanuc robotics.
• Responsible for design and development of PC software applications (C#, C++, VB).
• Frequently supervised on-site software installation and equipment calibration.
• Skilled in using metrology equipment (photogrammetry and laser trackers) for parts inspection, milling machine inspection, and robot calibration.
• Design of forward and inverse robot kinematic models using 3D geometry.
• Built and maintained strong business relationships with customers.

EDUCATION

Master's in Level Course Certificate

University Åbo Akademi in Turku
May 2017

B.S. in Computer Science

Northern Illinois University   -   DeKalb, IL
September 2000 to June 2002

A.S. in Computer Science
Kishwaukee College - Malta, IL
September 1997 to March 2000

SKILLS

C# (9 years), C (9 years), Kuka robotics (5 years), SQL (3 years), Visual Basic (9 years), Ruby (1 year),
Real Time Systems (5 years)

MILITARY SERVICE

Service Country: US
Branch: Army
Rank: PFC
October 1993 to August 1999

ADDITIONAL INFORMATION

Technical skills
Programming Languages
• Expert in: C# (.NET), SQL, C++, Visual Basic
• Proficient in: HTML, XML, KRL(Kuka Robotics), and VLC(Steeplechase)
• Familiar with Python, Java, Ruby, and Cobol
Software & Technologies
• Databases: Access and SQL Server
• Object-Oriented Programming
• RTOS and Embedded software
• Networking: Ethernet, Serial, Modbus, Profibus, and DeviceNet
• Platforms: Microsoft Windows (+Embedded), Mac OS, and Linux
Other Skills
• Accomplished in applying advanced mathematics for engineering, and 3D graphics
software.
• Experience working in manufacturing environments.
• Writing software for real-time embedded systems.
• Some PLC work, and configuration/setup of automation equipment.