**EMBEDDED SOFTWARE ENGINEER RESUME**

Cody Fredrickson

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**Summary**

Detailed-oriented Embedded Software Engineer with over three years' experience and a strong technical/coding background that is essential to this role, including C, C++, and Assembly languages.

**Education**

Green Valley State

Aug 'XX-Dec 'XX

Computer Science Theory and Systems/Engineering Methodology

**Experience**

**RiverTech, Embedded Software Engineer, Jul 'XX - Current**

* Developed regression test code for HFS project
* Designed and implemented firmware for the data acquisition subsystem, including sensor calibration, remote configuration, and logging
* Verified and recommended for Arch Fault Detection function code in Ozone AX8410/8415, including timer setting, pulse counting, and frequency calculating
* Managed and communicated software releases to the production environment

**Cloud Clearwater, Assistant Embedded Software Engineer, Aug 'XX - Jul 'XX**

* Integrated EtherCAT functionality into Plasma Lab Test Script Viper Version 1.3.14 LabVIEW code with LabVIEW 2012, and tested it in Plasma Lab
* Developed application monitoring and disaster recovery options
* Created plans to ensure the operational technical life cycle and scalability of the platform

**Certifications**

Bachelor of Computer Science

**Skills**

* Software Development
* SQL