David Barron

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SUMMARY

Computer Systems Software Engineer with extensive experience specifying, planning, writing, and deploying systems software and business applications for a large, successful international corporation. Skilled at writing and deploying software using these languages, applications, and personal strengths:

- C++
- Perl
- Python
- Synergy/DE

- Subversion & Git
- Writing specifications & technical articles
- Testing and Training
- Coordinating with Departments & Customers

PROFESSIONAL EXPERIENCE

Synergex International Corporation., Gold River, CA   01/04 - present
Application Developer II (4/13- 2/14)

Wrote software and coordinated installation.

- Wrote software in Synergy/DE using Subversion for version control.
- Modified existing software to correct errors, to adapt it to new hardware and to upgrade interfaces and improve performance.
- Coordinated installation of software system.
- Analyzed information to determine, recommend and plan installation of a new system and modification of an existing system.

Senior Systems Software Engineer (1/04-4/13)

Planned, developed, and coordinated testing and release of systems software.

- Developed software in C++, Perl, Python, and Synergy/DE using PVCS and Subversion for version control.
- Trained developers and quality personnel and achieved significant improvements in their productivity.
- Advised customer about and performed maintenance of software system.
- Trained users to use new and modified equipment.
- Consulted with other departments on project status, proposals and technical issues such as software system design and maintenance.
- Responsible for creating and updating procedures for the Quality team's use of Subversion.
- Responded to written and telephone requests for customer support.
- Researched and recommended Perl and Python for internal testing.
- Developed software system testing and validation procedures.
- Monitored functioning of equipment to ensure system operated in conformance with specifications.
- Wrote, designed and produced requirements specifications, procedures and technical articles.

EDUCATION

Bachelor of Science, Computer Science, California State University, Sacramento