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## Summary

### Senior Perl Developer

Fourteen years of Perl, Linux & web development experience, primarily in applications and services for data management and presentation. This includes designing and leading large scale, multi-year projects from architecture to execution, working closely with the business, stakeholders and implementers. Collaborative team builder with strong leadership and communication skills. Extensive experience in project, personnel and resource management in an Agile environment.

Seeking a senior developer or team lead role where I can use not only my development skills but also leverage my years of proven experience in application design and team coordination.

### Example Skills & Experience

Perl, Moose, HTML, JavaScript/AJAX, Familiar with PHP & Ruby, CSS, RSS, jQuery, SQL, Informix (SPL), MySQL, ServerStudio, Apache, Perforce, Subversion, Bugzilla, JIRA, Confluence, SSH, GPG, Selenium QA, XML, Agile, Scrum

## Professional Accomplishments

### **Manager of Release Operations**

Cambridge Interactive Development Corporation, February 2012 - Present

Responsible for managing all aspects of CIDC's release process, from day-to-day operations to process improvements, as well as providing development and test environment support.

- Lead a team of 3 Release Engineers.
- Ran the daily Release Control Board stand-up and ensured the status of queued releases was communicated to the business daily.
- Began development of a tool for recording release instructions and status, as well as automating releases, using Perl with Dancer & MySQL.
- Began discussions with Development and QA Directors on formalizing adoption of [Development Operations](#), and how that could benefit our goal of Continual Integration.
- Reviewed and prioritized the project backlog for improving automation and testing within the release process.

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### **Software Development Group Manager**

Cambridge Interactive Development Corporation, June 2009 - Present

As a Group Manager I was responsible for mentoring my reports, leading design discussions, providing peer reviews, and ensuring the use of company and general best practices for development, leading by the example of my own development work.

- Lead a team of 5 developers, striving to ensure everyone dependably delivered high quality work.
  - Responsible for the long-term stability of the company's Affiliate Management platform (EVA), acting as both Product Owner and Architect.
  - Act as a technical lead on many additional projects beyond EVA.
  - Coordinated work with other internal departments including Quality Assurance, Release Engineering, Marketing and Affiliate Management.
  - Continued as a primary organizer of CIDC's *Infrastructure Projects* pipeline.
  - Technical lead on the implementation of CIDC's *Perl Runtime Environment*, which decoupled the company's Perl based tools and services from the OS version of Perl.
  - Technical lead on the migration of Development, QA and Staging resources to VMWare, with the goal of automated deployment.
  - Mentored personnel within an Agile team environment, assisting with the adoption of Scrum and participating in and encouraging ongoing training in Agile processes.
  - Provided cross-departmental training in Perl
  - Generally championed the adoption of a variety of Best Practices for software development, and strongly encouraged my reports and teams to do the same.
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## **Sr. Software Engineer**

Cambridge Interactive Development Corporation, March 2007 - June 2009

As part of the server-side development team, I worked on nearly every portion of the company's software, both internal management and customer facing.

- Worked as a primary developer on the company's two highest profile, externally facing projects to be released during this period.
  - Involved in specification review, timeline estimation, documentation, and release coordination for nearly every project on which I was involved.
  - Assigned as Development Liaison to the QA department.
  - Introduced Selenium IDE to CIDC, provided training for QA and Development, and assisted in planning how to incorporate these tests in our processes.
  - Involved in pilot project to introduce Selenium RC to the QA pipeline.
  - Provided internal support and training on the use of the jQuery and Prototype JavaScript libraries.
  - Worked jointly with Release Engineering documenting the company's SDLC, recommending the inclusion of certain Best Practices as part of the SDLC.
  - Helped form CIDC's *Engineering Infrastructure Task Force*, and served as Server Side Developments representative.
  - Won numerous quarterly awards and contributor appreciation bonuses.
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## **System Support 3**

Bioinformatics Program, BMERC, Boston University Jan. 2004 - March 2007

Provided systems support and development for the [Bioinformatics Program](#). Help the Center's graduate students and postdoctoral fellows develop new tools to meet their own research goals, including providing advice on good software development practices.

- Developed new methods for prediction and classification of WD repeat containing sequences.
  - Assisted in developing specifications and bid review on 200+ CPU purchase.
  - Improved and extended database schema's, including incorporation of extended WD repeat library and preliminary genome assemblies.
  - Streamlined update procedures for new genomes.
  - Provided genomic databases and tools for use on the BioWulf cluster.
  - Developing a new student management system to meet the specific needs of the program.
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## **Bioinformatics Specialist**

Massachusetts General Hospital, Department of Molecular Biology Sep. 2001 - Jan. 2004

Project leader for development of mission critical applications for the [MGH's DNACore](#), principally a [Laboratory Information Management System](#) (LIMS).

- Spearheaded adoption of software development best practices such as version control and setting up a dedicated QA and documentation team.
  - Coordinated representative users and core managers to develop requirement specifications, and guided development to meet those requirements and QA to validate project releases.
  - Integrated data management tools for four subgroups within the DNA Core: Synthesis, Sequencing, Bio-Automation and Microarray.
  - Developed tools for incorporating a wide range of high-throughput equipment for such tasks as sequencing and oligonucleotide synthesis and support for product QC and process control.
  - Provided a web front end for process management with secure (SSL) access from any computer on a permitted network using any modern browser. System incorporates group and user access controls to resources and data.
  - Created a client interface for placing orders for oligo synthesis and sequencing including tools for tracking the progress of an order.
  - Provided order and account reports suitable for import into the existing billing procedures, greatly improving the level of automation in tracking customer orders and generating invoices.
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See the [long](#) version of this resume.

**References and letters of recommendation available upon request.**