

## Rory T. Cullen

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### SUMMARY OF QUALIFICATIONS

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**Summary:** Five years as lead web developer. Ten years as the lead SAS developer in a detail-oriented department with client-impacting deadlines. Experience with refactoring code, library design, code encapsulation, and project management. A full career as a proven leader in continuous improvement of process and coding practices. Sun (Oracle) Certified Java Programmer (SCJP).

**SAS:** SAS Certified Advanced Programmer for SAS 9  
SAS Certified Base Programmer for SAS 9  
SAS Certified Platform Administrator for SAS 9  
SAS Certified BI Content Developer for SAS 9  
SAS Certified Visual Business Analyst: Exploration and Design Using SAS Visual Analytics  
Experienced with most common SAS tools (SCS, ECM, VA, SMC, EG)

**Web:** Angular; TypeScript; JavaScript; HTML; CSS; JSON; XML; Bootstrap; PHP; jQuery; Java; Struts;  
Oracle; Flex; AS3; MXML; MySQL; FlexUnit; FusionCharts; Eclipse; SVN; Tomcat;

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### PROFESSIONAL EXPERIENCE

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**The Financial Risk Group** – Cary, NC (remote) **2013 – Present**  
*Senior Reporting Consultant*

- Converting legacy Flex applications into mobile-responsive JavaScript-driven web applications (Angular 2+)
- Developing data visualization web apps using PHP, jQuery, SAS, Oracle
- Developing a proprietary stress testing application in Flex
- Passed International Certificate in Banking Risk and Regulation (ICBRR) – GARP, 2015

**SAS Institute** – Cary, NC (remote) **2011 – 2013**  
*Solutions Architect, Americas Risk Practice*

- Developed Flex prototypes for surfacing SAS Risk Dimensions data via Flash visualizations
- Integrated ActionScript3, Flex 3 and 4, MXML, JavaScript, Parsley, CSS, XML, SAS Macros, Stored Processes and BI Web Services

**The Financial Risk Group** – Cary, NC (remote) **2009 – 2011**  
*Senior Reporting Analyst*

- Developed custom Flex web and Air applications for data mining and Risk Management reporting
- Implementing custom SAS BI solutions on-site
- Applied ActionScript3, Flex 3 and 4, MXML, JavaScript, FusionCharts, CSS, SAS, XML, Subversion and Unix

**Galactic Village Games** – Chelmsford, MA **2009**  
*Consultant – Java Web Application Developer*

- Built player/user interface featuring Struts2 with validation, Servlets, JSP, AJAX, Dojo, JavaScript, CSS and MySQL

**Fidelity Investments** – Marlborough, MA **1999–2008**  
*Senior Manager, Six Sigma Black Belt (2007–2008)*

- Co-Led Software Release process enhancement yielding \$650,000 in annual savings and increasing customer satisfaction
- Led Unit Testing process improvement project, standardizing communication and testing methods
- Analyzed loopholes in the defect tracking system and managed the resulting software enhancement, increasing the accuracy of tracking data
- Mentored two Green Belt candidates toward Six Sigma certification

*Consultant Software Engineer/Developer (2006–2007)*

- Designed and conducted successful training program for 16 Bangalore-based associates
- Reduced code base by 20% by encapsulating duplicate code, and implementing archive procedures

*Principal Software Engineer/Developer (2003–2006)*

- Technical mentor to 15 Software Engineers for all SAS design and analysis issues
- Restructured reusable code libraries to allow easier customization while protecting Unit Test code from tampering, leading to faster conversions and more consistency across programmers
- Formalized code release and change management across business units
- Supervised over 20 code enhancement projects per year with a 100% success rate

*Software Engineer/Senior Software Engineer (1999–2003)*

- Maintained all updates to common code libraries totaling over 235,000 lines
- Accurately converted assets in excess of \$300 million per client utilizing SAS, SQL, JCL and DB2

**Trustar Retirement Services** – Boston, MA

**1995–1999**

*Operations Manager (1995-1999)*

- Proposed, designed, implemented, and led software help desk services available to 3500 clients nationwide
- Identified and reported over 20 software defects, reducing repetitive help desk calls
- Installed software at client locations, and trained clients in usage leading to greater client satisfaction and reduced support issues
- Promoted to supervise a team of seven employees within 12 months

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**EDUCATION**

**Fitchburg State University**, *Fitchburg, MA*

Master of Science in Computer Science – 2012

**Harvard University** *Extension School, Cambridge, MA*

Certificate in Applied Sciences – 2004

**Boston College**, *Carroll School of Management, Chestnut Hill, MA*

Bachelor of Science in Management – 1995