Mark Simpson

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Statement of Intent

I am looking to become part of an empowered team, in an environment that encourages knowledge sharing, producing valuable, well-crafted software.

Work Experience

- **Lexington Solutions** — Boston, MA
  Senior Agile Java Developer — *April 2011 - present*
  - Quickly came up to speed on several technologies to be significant contributor to Fusion^{TM}
  - Assisted in decision to take on new Data Collection project

- **ITG/MacGregor** — Boston, MA
  Principal Engineer — *November 2000 - April 2011*
  - Scrum Master for Triton Black Infrastructure Team.
  - Early adopter of Agile practices on TritonX project.
  - Independently researched Scrum and XP practices to help team iteratively produce high-quality products.
  - Responsible for research and selection of automated unit and acceptance testing tools (NUnit, FitNesse). Successfully trained team members, resulting in quick production of new features with low number of regressive defects.
  - Significant contributor to T2, TritonX EMS projects. Organized and set up automated builds and acceptance tests. Trained team on unit testing and Agile practices.
  - Learned C# on the fly for Compliance project. Designed and implemented data import/export layer.
  - Technical Lead for Predator OMS product (Windows & Unix with ObjectStore DB back-end).

- **Centerline Software Inc.** — Cambridge, MA
  Senior Engineer — *February 1997 - November 2000*
  - Chief coordinator for Beta release of Advantage product: released beta to customers for evaluation, communicated with customers to acquire feedback and answer questions, integrated information to select product enhancements and organized beta updates and final release.
  - Designed dynamic web pages for new Web SQM Project using HTML and C++ CGI programs.
  - Developed prototype browser-based interface using Java 1.1.
  - Expanded and maintained Advantage Software Quality Management product.

- **ADP/ISS** — Littleton, MA
  Senior Programmer and Consultant — *September 1992 - January 1997*
  - Single-handedly re-implemented primary company news product from Curses to Motif. Solely responsible for ongoing expansion and maintenance.
  - Created and utilized cross-platform in-house toolkits between UNIX and Windows.
  - Implemented RPC licensing server for existing product.
  - Designed and implemented RPC Telekurs quote data server with SDK. Ported to customer-specific HP mainframe.
  - Integrated two independent third-party financial quote services into existing news application to meet customer demand for unified product.

- **Walker Sonix** — Worcester, MA
  Consultant — *June 1992 - September 1992*
  - Helped with graph printing feature of the ultrasonic medical device software.

- **Software Emancipation Technology** — Natick, MA
  Consultant — *June 1991 - August 1991*
  - Helped implement CASE programming application in Motif.

Skills

Languages: Java, Groovy, C#, C/C++, Lisp, Ruby, Clojure

Operating Systems: Windows, Unix, Mac OS X

Miscellaneous: VI, Emacs, LaTeX, IntelliJ, JUnit, Spock, VisualStudio, JBehave, FitNesse, NCover, NUnit, ReSharper

Open Source Projects

- **TNEF**   http://sourceforge.net/projects/tnef/
  Author/Maintainer   *1997–Present*
    - Command line utility for processing MS-TNEF attachments written in C with a full suite of automated acceptance tests.
    - Shipped with Debian distributions; used by ClamAV anti-virus software.

Education

- **Worcester Polytechnic Institute**   Worcester, MA
  Bachelor of Science in Computer Science   *September 1988 - May 1992*
    - Major Qualifying Project: Intelligent News Reader