Kim Horne

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Creative and team-focused software developer with 17+ years of experience and projects in a number of fields.

Previous Employment

Two Sigma Investments   **New York**
Software Developer, Vice President – Java, Linux, Bash, ElasticSearch   *January 2015–present*

Technical lead and developer for HR technology. Implemented and maintained a number of custom full stack HR web applications utilizing Angular JS and Java utilized not only by clients within our HR teams but more broadly by the entire company.

Prior to my role in HR technology I developed and maintained collaboration and knowledge management tools utilized throughout the company such as shared document editing, wikis, forums, enterprise search, and internal social networking.

In addition to my duties as a software developer I also participate extensively in our recruiting process (on average 3 interviews a week) and also travel to industry recruiting events on behalf of Two Sigma. I am also on the board of directors for outsigma, our LGBTQ human resource group.

Accoustiguide Mobile (formally Tristan Interactive)   **Ottawa**
Software Developer, Contract – native Android and iOS   *March 2014–November 2014*

Implemented a number of custom mobile applications on both Android and iOS for various high profile fine art institutions such as the Solomon R. Guggenheim Museum, the 9/11 Museum, and the Clark Gallary.

Smarter Apps   **Ottawa**
Software Developer – Corona SDK, Lua, AWS, native C++ on BlackBerry 10December 2011–January 2014

Implemented cross platform physics-based game for iOS and Android (Little Generals.) Responsible for many aspects of game implementation including gameplay, graphics, physics, interface, content delivery, networking and multiplayer implementation, social media integration and monetization.Little Generals reached the number one position in strategy games, top ten overall games, and top fifty free iPad apps in the Apple app store.

Implemented IT management software on BlackBerry 10 OS including AWS administration functionality and full RDP client.

BlackBerry (formally Research In Motion)   **Ottawa**
Feature Lead Facebook for BlackBerry – Java, XMPP, C++   *January 2009–December 2011*

Responsible for team implementing Facebook chat (and other Facebook features) for native BlackBerry Facebook client. Designed architecture, performed network traffic analysis, implemented components from UI down to networking/XMPP layer. This application was pre-installed on millions of devices.

Technical and Team lead, BlackBerry App World Client

Responsible for client development of the BlackBerry App World storefront application from inception through three releases. In addition to managing team responsibilities I implemented large portions of the client including backing storefront model, review subsystem, purchase and payment system, and components of overall user interface. Much like Facebook for BlackBerry this applicationw as preloaded on millions of devices.

- **IBM Canada** **Ottawa**
  Advisory Software Developer – Java, Eclipse, Rational Software Suite   *January 2003–December 2008*

  Member of Eclipse Platform UI team between Eclipse 2.1.3 and 3.5. Responsible for creation and maintenance of a core UI APIs utilized by the Eclipse platform such as themes, capabilities, working sets, etc. Participated in all areas of development including planning, testing, builds, and community issue tracking. Beyond development I strived to be an active member of the Eclipse community by authoring a popular Eclipse blog, participating in Eclipse conferences as both an attendee, speaker and workshop fascilitator. Additionally I mentored a number of Google Summer of Code and Extreme Blue internship projects and was given an IBM Outstanding Technical Achievement Award prior to my departure.

Education

- **Dalhousie University** **Halifax**
  Bachelor of Science in Honours Computer Science, (2.5 years of 4 year program completed)   *1996–1999*

Technical and Personal skills

- **Programming and Scripting Languages:** Experience in: Java, JavaScript, Lua, Objective C, C, Arduino, Bash
  Also basic ability with: C++, Assembly, PowerShell.
- **Additional Software Skills:** Angular JS, ElasticSearch, SQL, Android development, Quartz Composer, MS Office products.
- **General Business Skills:** Presentation skills, Works well in a team.

Interests and extra-curricular activity

- I am interested in art in a number of mediums including pastel, watercolor, oil and have on occasion shown and sold art in gallary settings. In addition to these mediums I have an occasional zest for quilting and textile arts.
- I have been an avid gamer since the early 80s. I am interested in video games, board games, and role playing games. I have in the past contributed material to small-print role playing game anthologies.
- In the past I have performed on behalf of a number of charity organizations as a member of various Ottawa burlesque groups. In addition to performance I helped run and organize shows with thousands of attendees. Over the years we raised tens of thousands of dollars on behalf of these charities.

References

- Available on request