

Overview

Computer programmer with experience in C#, Java, C++, and Flex. 9 years of experience in software development. Ph.D. from Brown University. Background in game development, educational software development, user interface design, and computer graphics research. Looking for a career making great games.

Experience

- 2009 (Feb.-Present) **Web Programmer (Contracted)**, *The Education Arcade*, Cambridge, MA.
Programmer in **Flex** developing educational games. **Lead programmer** on two small networked card games using Flex and SmartFox Server. Supervisors: Caitlin Feeley & Scot Osterweil
- 2002–2008 **Graduate Student Researcher**, *Brown University Department of Computer Science*, Providence, RI.
Team leader and lead programmer for two research projects in educational software using **C# and Java**. Coordinated small teams of full-time staff and part-time undergraduate student programmers in the production of these applications, which were used in classrooms and released online. Member of the Microsoft Center for Research on Pen-Centric Computing (PCC). **Supervisor: Andy van Dam**
- 2003 **Programmer (Contracted)**, *LeapFrogR*, Providence, RI.
Programmer in Java developing data presentation tools (charts, graphs, etc) for analysis of pharmaceutical sales data. Created and modified **Swing GUI** widgets to be used with gigabyte-sized data sets. Supervisor: Philip Chen
- 2000–2001 **Game Programmer**, *Genetic Anomalies (THQ)*, Lexington, MA.
Programmer in C++ and Java developing PC-based collectable card games. Created user interfaces, patches, and expansions. Supervisor: Michael Johnson.

Education

- 2003–2008 **Ph.D. Computer Science**, *Brown University*, Providence, RI, *GPA:4.00/4.00*.
- 2001–2003 **Sc.M. Computer Science**, *Brown University*, Providence, RI, *GPA:4.00/4.00*.
- 1996–2000 **A.B. Computer Science & Mathematics**, *Vassar College*, Poughkeepsie, NY, *GPA:3.85/4.00*.

Software Titles

- Games **WWF With Authority!** *THQ*, **Star Trek ConQuest Online** –Expansion 1 *THQ*
- Educational **Kids Survey Network** (Not yet published) *Edu. Arcade*, **ChemPad** *Microsoft PCC*, **The Graphics Teaching Tool** *Brown CS*

Computer Skills

Languages	C#, Java, C++, Flex	Version Control Systems	Subversion, Source Safe, CVS
Development Environments	Visual Studio, Flex Builder, NetBeans, JCreator, Emacs	GUI Toolkits	Windows Forms, Swing, Flex MXML