

IAN M. BILLINGTON

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715 SE 29th Ave, Portland, OR 97214

SUMMARY

Highly creative and versatile software engineer skilled in object oriented design. Professionally experienced with the full software life cycle in an enterprise environment. Comfortable working both individually, and in a team setting. Looking for a programming position in the with a creative bent.

TECHNICAL SKILLS

Languages: C/C++, Web(HTML, CSS, XML), various SQL, shell, perl, PHP, Oracle(PL/SQL, Pro*C, SQR), Javascript, VBscript, Visual Basic, Objective-C, Java, Python, C#, Matlab, Smalltalk, Haskell, Scheme, LISP, Pascal, etc.

Concepts & Packages: OOA/OOD, UML, TCP/IP, Agile, OpenGL, data mining, multithreading, user interface design, machine coding, parallel systems, learning computers, signal processing, pattern recognition, artificial intelligence

Software: Apple Xcode, Visual Studio, Eclipse, Subversion, Photoshop, Pagemaker, Final Cut Pro, Blender, etc.

Other Skills: General Office Skills, Electronics, Web Design, Graphic Design, Audio Engineering, Video Production

PROFESSIONAL EXPERIENCE

Teaching Assistant, Maseeh College of Engineering & Computer Science **Portland, OR**

Portland State University April 2008 – June 2009

- Taught students concepts ranging from variables to advanced structures, hierarchies, and polymorphism in VB & C++

Analyst Programmer II, Enterprise Application Services, Office of Information Technology **Fairbanks, AK**

University of Alaska, Statewide October 2004 – June 2007

- Designed, created, and maintained statewide software applications using web-based and client/server architectures.

Networking, User Services & Web Authoring Assistant, Division of Computing & Communications **Fairbanks, AK**

University of Alaska, Fairbanks August 1999 – August 2003

- Worked in all three departments doing everything from Cisco engineering, to internal app writing, to video production.

EDUCATION

Portland State University **Portland, OR**

Master of Science in Computer Science 2007 – 2009

- GPA 3.87, Specialized in Intelligent and Adaptive Systems under Prof. Melanie Mitchell and Prof. Bryant York
- Selected Courses: Advanced Programing, Computer Graphics, Independent Research in Parallel AI, Inter-networking Protocols, Machine Learning, Modern Operating Systems, Parallel Algorithms, Software Engineering, etc.

University of Alaska, Fairbanks **Fairbanks, AK**

Bachelor of Science in Computer Science & Bachelor of Arts in Music 1999 – 2004

- GPA 3.63, Graduated Cum Laude with Honors
- Selected Courses: Analysis of Algorithms, Computer Graphics, Cryptography, Differential Equations, etc.

REFERENCES AVAILABLE UPON REQUEST