Andy Pierce

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EDUCATION

Gonzaga University, Honors Program, Spokane, WA

B.S. in Computer Science and B.S. in Mathematics *Sept 2008-July 2012*

- Cumulative G.P.A. of 3.96 on scale of 4.00
- Nominated for Undergraduate Math Award during 2008 and 2009 Academic Years
- Named Newman Fellow during 2009 Academic Year
- Relevant Coursework: Computer Science, Computer Engineering, Business Computing, Economics, English, Speech

Oxford University, Oxford, UK *Jan 2011-June 2011*

- Relevant Coursework: Philosophy of Artificial Intelligence, Transhumanism
- Evaluations: α (AI), αβ (Transhumanism)
- Wrote and defended 18 essays in total, each 8-12 pages

SKILLS

- Proficient in utilizing C, C++, C#, Objective-C, Ruby, Javascript, Java, Visual Basic, and Python programming languages to develop and modify programs
- Proficient in developing programs using Visual Studio, Xcode, Eclipse, Emacs, Rubymine, and Webstorm IDEs
- Experience in microprocessor programming for Intel's 68HC11 microprocessor
- Experience in rapidly learning new programming language and applying to project at hand
- Adept at orally and visually presenting results in a clear and concise manner

RELEVANT EXPERIENCE

Software Engineer, Fluke Networks, Everett, WA *July 2012-Present*

- Extended legacy program to interface with entirely new hardware device
- Architected and implemented an API and associated web application in the cloud
- Researched, selected, and incorporated a build management / continuous integration server into development of cloud application

Software Engineering Intern, Crystalfontz Inc., Spokane, WA *June 2011-Sept 2011*

- Designed and coded firmware for LCD and OLED displays
- Optimized existing firmware code, achieving speedups of up to 200% in measurable use-cases
- Debugged and refactored existing firmware code

Research Assistant, University of Southern California, Los Angeles, CA *May 2010-Aug 2010*

- Developed a graphics program that used physically based modeling to simulate cloth meshes
- Derived equations to realistically model a range of interrelated forces

Research Assistant, Gonzaga University, Spokane, WA *Jan 2010-May 2010*

- Designed and coded an extensible genetic algorithm
- Applied genetic algorithm to unsolved NP-complete problem in graph theory
- Collaborated with professors of computer science and mathematics

ACTIVITIES

Upsilon Pi Epsilon Vice-President, Gonzaga University *April 2010-May 2012*

Math Club Member, Gonzaga University *Aug 2008-May 2012*

References Available Upon Request