

DOUGLAS R. SAMSON

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EDUCATION

Cornell University, Ithaca, NY
Bachelor of Science, Computer Science, Grad. May 2015
Artificial Intelligence Vector
G.P.A. 3.0/4.0

EXPERIENCE

Software Developer Institute for Soldier Nanotechnologies Summer 2013
Led development of mobile app and server software to intended to optimize positioning of chemical release devices.

Systems Intern Syracuse University Physics Dept. Summer 2011
Performed speed testing on supercomputer cluster. Tasked with splitting the LINPACK performance test across multiple computers and GPUs in a Linux environment, also worked on system updating as part of a broader team.

Software Intern Syracuse University Physics Dept. Summer 2010
Created interference-analysis software using specialized Matlab toolkits. Took unmaintained XML scripts and enhanced their functionality and ease of use by conversion to MATLAB-based applications.

SKILLS

Proficient programming skills in Java and C++.
Experience with C, C#, OCAML, and MATLAB.
Familiarity with Windows, Mac and Linux (FreeBSD, Ubuntu) environments.
Experience with networked systems including dividing problems across multiple computers and processors.

RELEVANT COURSEWORK

CS 2110: Introduction to Object-Oriented Programming
CS 2800: Discrete Mathematics
CS 3110: Introduction to Functional Programming
CS 3410: Computer System Organization (enrolled)
CS 4700/1: Introduction to Artificial Intelligence/Intro to AI Practicum
CS 4820: Algorithms
MATH 1910: Multivariable Calculus
MATH 2930: Differential Equations for Engineers
MATH 2940: Linear Algebra for Engineers (current)

EXTRACURRICULAR ACTIVITIES

Association of Computer Science Undergraduates 2011-2013
Cornell Venture Capital Club 2011-2012
Cornell Outdoor Education 2011-2013
KyotoNOW! 2011-2013