

EDUCATION	Bachelor of Science in Computer Science Carnegie Mellon University, Pittsburgh, PA, expected May 2015 GPA: 3.65/4.0 Minor: Physics West Ranch High School, Stevenson Ranch, CA, graduated 2011 GPA: 4.79/4.0 (Weighted) - Valedictorian: Rank 1 out of 503
RELEVANT COURSEWORK	Fundamentals of Programming, Principles of Imperative Computation, Principles of Functional Programming, Introduction to Computer Systems, Great Theoretical Ideas in Computer Science, Foundations of Cyber-Physical Systems*, Parallel and Sequential Data Structures and Algorithms*, Principles of Software Construction* (* denotes current classwork)
EXPERIENCE	<div><div>High Performance Systems Integration InternMay 2013 to August 2013 Los Alamos National Laboratory, Los Alamos, NM<ul style="list-style-type: none">Created an analysis framework for a Parallel Log-Structured File System in Python and C with MPIAllowed users and developers the ability to view their files at scale through graphs of I/O behaviorPresented poster showing results at the Computing and Information Technology Student Mini Showcase</div><div>Research AssistantJanuary 2013 to December 2013 School of Computer Science, Carnegie Mellon University, Pittsburgh, PA<ul style="list-style-type: none">Advisor: Garth Gibson in the Parallel Data LabConducted research in memory debugging Hadoop programsReceived funding from the Semiconductor Research Corporation through the Undergraduate Research Office</div><div>Quality Control Intern for the Secondary Reachback ProgramMay 2012 to August 2012 Sandia National Laboratory, Livermore, CA<ul style="list-style-type: none">Supervised the implementation of unit-based tests:<ul style="list-style-type: none">Learned and researched new languages, such as PHP, C++, and JavascriptCoded and documented testsHeaded up the intern testing initiative and managed three other internsPresented poster showing results of internship at Summer Intern Symposium</div><div>Peer TutorAugust 2012 to current Carnegie Mellon University, Pittsburgh, PA<ul style="list-style-type: none">Tutored other students in physics and computer scienceCertified by the College Reading & Learning Association</div><div>Mentor for Physics Concepts Outreach ProgramAugust 2012 to December 2012 Carnegie Mellon University, Pittsburgh, PA<ul style="list-style-type: none">Mentored two middle school students in a physics science fair project through a hands-on experiment</div></div>
SKILLS	Computer Languages and Operating Systems: Python, C, SML, Java, LaTeX, Unix Languages: French (5 years), Spanish (5 years)
HONORS	Dean's List - May 2012, December 2012, May 2013 Dean's List with High Honors - December 2011 Valedictorian of West Ranch High School - May 2011 National AP Scholar Award - May 2011 Girl Scout Silver Award - April 2007 West Ranch PAC Scholarship - May 2011 West Ranch National Honors Society Scholarship - May 2011