

EDUCATION	Bachelor of Science in Computer Science Carnegie Mellon University, Pittsburgh, PA, expected May 2015 GPA: 3.65/4.0 - Dean's List 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	High Performance Systems Integration Intern May 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 MPI• Allowed users and developers the ability to view their files at scale through graphs of I/O behavior• Presented poster showing results at the Computing and Information Technology Student Mini Showcase Research Assistant January 2013 to current School of Computer Science, Carnegie Mellon University, Pittsburgh, PA <ul style="list-style-type: none">• Advisor: Garth Gibson in the Parallel Data Lab• Conducted research in memory debugging Hadoop programs• Received funding from the Semiconductor Research Corporation through the Undergraduate Research Office Quality Control Intern for the Secondary Reachback Program May 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 Javascript– Coded and documented tests– Headed up the intern testing initiative and managed three other interns• Presented poster showing results of internship at Summer Intern Symposium Peer Tutor August 2012 to current Carnegie Mellon University, Pittsburgh, PA <ul style="list-style-type: none">• Tutored other students in physics and computer science• Certified by the College Reading & Learning Association Mentor for Physics Concepts Outreach Program August 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
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