

# Matthew Medal

## Education

- 2010-2014 (expected) **Computer Science & Mathematics, Santa Clara University, Santa Clara, CA**, Total GPA: 3.5.  
CSCI & MA Major GPA: N/A
- 2006-2010 **Bellarmino College Preparatory, San Jose, CA**, Total GPA: 4.0.

## Computer Skills

- Languages: C, C++, Cobol, Fortran, Lisp, MPI, Pascal, Python, Shell
- IDEs: Eclipse, QT Creator, Xcode
- Operating Systems: OS X, Redhat, Ubuntu, Windows
- Familiarity: Active Directory, iOS/Android Development, Linux FileSystem, SNMP, Splunk
- CSCI Courses Taken: Intro to C++, Object Oriented Programming, Data Structures, Embedded Systems & Assembly Language, Logic Design, Comparative Programming Languages, Theory of Automata
- MA Courses Taken: Calculus I-IV, Linear Algebra, Discrete Math, Formal Writing/Publishing in Mathematics

## Experience

- Summer 2012 **Operations IAAS Intern, eBay, San Jose, CA.**
- Design and implement suite of python-based SA tools for monitoring and reporting on SAN/NAS storage usage.
  - Design and implement a complete SNMP monitoring solution for trap management utilizing custom built parse tools, net-snmp, and Splunk.
  - Maintain a complete understanding of IPMI, SNMP, Django, and Manufacturer-specific hardware differences for LOMs.
- 2010–2012 **IT Technician, Bellarmino College Prep, San Jose, CA.**
- Maintain and provide hardware support for computer network on a campus of 1600 students.
  - Work one-on-one with faculty/staff on technology related issues.
  - Assist IT Director with tasks as-needed, ranging from racking servers to rewiring network switches to creating an OSX re-imaging solution.
- May 2007–August 2009 **Tennis Instructor, SJ Swim & Racquet Club, San Jose, CA.**
- Managed and ran tennis camps for groups of 15 students aged 10 to 14.
  - Provided one-on-one instruction for adults aged 30 to 50.