

Tom Schmidt

| San Diego, CA | tjschmidt09@gmail.com | www.tschmidt.me |

WORK EXPERIENCE

- June 2014 – Present **Leidos, Inc.** San Diego, CA *Software Engineer*
- Technical lead and primary developer of an Android and accompanying web application for the capture and analysis of arbitrary data. Work closely with end-users with a highly-agile development workflow.
 - Primary developer for a Django-based web application for the analysis of biological data. Perform full-stack development including algorithms, UI/UX, and database optimization.
 - Acted as the principal investigator and technical lead for a team of approximately five engineers during a six-month project. Successfully led team to completion of the project while managing the development, testing, and distribution of the product.
 - Maintained and developed modeling and simulation software written in C++ and object-oriented MATLAB. Independently developed Java GUI to aid with M&S configuration.
- May 2012 – June 2014 **San Diego State University** San Diego, CA *Research Assistant*
- Created over 300 mathematics problems to be used in the WeBWork online homework system using a combination of Perl and PG (an application-specific language)
 - Maintained problem library as bugs were reported during student usage
- June 2010 – May 2014 **Pernicano's Ristorante** San Diego, CA *Line Cook*

EDUCATION

- Fall 2014 – Present **San Diego State University** San Diego, CA
- Pursuing M.S. in Computer Science
- Fall 2009 – May 2014 **San Diego State University** San Diego, CA 3.82 GPA
- Obtained dual B.S. in:
 - Mathematics – Applied Mathematics
 - Computer Science
 - Named by faculty as the *Most Outstanding Graduate* in the Department of Computer Science
 - Graduated in May 2014 with Summa Cum Laude honors
 - Minor in Business Administration – Accounting
 - Received *William E. Cole Director's Top 20 Award* for excellence in performance
 - Named to Dean's List in 10 consecutive semesters

SKILLS

- Extensive experience with C, C++, Java, Python, MATLAB, SQL, HTML, CSS, JavaScript
- Limited experience with C#, Android, PHP, OpenGL, Maple, Perl, Assembly
- Experience using popular libraries including Django, jQuery, numpy, Pandas
- Experience using Git and SVN
- Comfortable using Linux command-line utilities to perform non-trivial tasks
- Experience with computer science topics including data structures, algorithms, computer architecture, systems programming, operating systems, databases, and networking