

Tom Schmidt

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WORK EXPERIENCE

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|--|-----------------------------------|---------------|---------------------------|
| June 2014 – Present | Leidos, Inc. | San Diego, CA | <i>Software Engineer</i> |
| <ul style="list-style-type: none">• 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 | <i>Research Assistant</i> |
| <ul style="list-style-type: none">• 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 | <i>Line Cook</i> |

EDUCATION

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|---|-----------------------------------|---------------|----------|
| Fall 2014 – Present | San Diego State University | San Diego, CA | |
| <ul style="list-style-type: none">• Pursuing M.S. in Computer Science | | | |
| Fall 2009 – May 2014 | San Diego State University | San Diego, CA | 3.82 GPA |
| <ul style="list-style-type: none">• Obtained dual B.S. in:<ul style="list-style-type: none">◦ Mathematics – Applied Mathematics◦ Computer Science• Named by faculty as the <i>Most Outstanding Graduate</i> in the Department of Computer Science• Graduated in May 2014 with Summa Cum Laude honors• Minor in Business Administration – Accounting<ul style="list-style-type: none">◦ Received <i>William E. Cole Director's Top 20 Award</i> 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