

Matthew J. Reat

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Education

- **Vanderbilt University** **Nashville, TN**
College of Engineering, B.S. Computer Science *Expected May 2016*
with Minor in Financial Economics
 - GPA 3.54/4.00
 - Cornelius Vanderbilt Scholar
 - **London School of Economics** **London, England**
Study Abroad *Summer 2014*
 - **Oak Ridge High School** **Oak Ridge, TN**
– Valedictorian in class of 370 students *2008–2012*
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Skills & Relevant Coursework

Computer Science: Operating Syst. I & II, Computer Networks, Algorithms, Software Design, Programming Languages
Finance: Corporate Fin., Micro & Macroeconomics, Fin. & Mgrl. Accounting, Investment Analysis, Fin. Markets

Work and Leadership Experience

- **Epic Systems Corporation** **Verona, WI**
Software Developer *Summer 2015*
 - Designed, developed, and integrated bitmap annotation library into clinician facing Android application.
 - Ensured feature and user interface parity across Android and iOS platforms.
 - **Spallation Neutron Source, Oak Ridge National Laboratory** **Oak Ridge, TN**
Software Developer *Summer 2013*
 - Ported complex physics application from outdated and unsupported Supercode to C++ framework.
 - Revised organization of application for future maintenance and modifications.
 - **Vehicle Systems Integration, Oak Ridge National Laboratory** **Hardin Valley, TN**
Drivetrain Researcher *Summer 2012*
 - Conducted research on light-hybrid drivetrains and their efficacy in non-traditional drive cycles.
 - Conducted research on ethanol fuels for use in current and legacy automobiles.
 - **Vanderbilt University** **Nashville, TN**
Technology Based Entrepreneurship Teaching Assistant *Fall 2015 - Present*
Computer Science 101 Teaching Assistant *Fall 2014*
 - Held weekly office hours in order to help students with concepts and coursework.
 - Graded weekly coursework and source code.
 - **Vanderbilt Club Golf Team** **Vanderbilt University**
President *2013 - Present*
 - Reorganized golf team into a student organization with over 30 members.
 - Organized and budgeted for club golf tournaments and practice events.
 - **Phi Delta Theta Fraternity** **Vanderbilt University**
Webmaster *2013 - Present*
 - Performed maintenance and updates for chapter website.
 - Organized and implemented chapter email exchange system.
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Technical Skills, Activities & Interests

Technical Skills: Java, C++, Python, Android, Django, SQL, Git, Subversion, L^AT_EX, Arduino, Linux, Mac OS, Welding
Activities: Club Golf, Club Racquetball, Motorsports, Intramural Soccer
Interests: Investing, Clay Target Shooting, Fishing, Backpacking, Hunting