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| **Education** | **Massachusetts Institute of Technology (MIT)**   * Candidate for Bachelor of Science in Chemical Engineering with a focus in Biological Engineering * Relevant Classes: Introduction to Chemical Engineering, Differential Equations, Genetics, Organic Chemistry, Thermodynamics and Kinetics * National Society of Women Engineers member * GPA: 5.0/5.0 | Cambridge, MA  June 2015 |
|  | **Rampart High School**   * Graduated 2/428 * ACT: 33, GPA: 4.6/4.0 | Colo Spgs,  CO  May 2011 |
| **Work Experience** | **UROP in MIT Gregory Stephanopoulos Lab**   * Tested the reaction of *Saccharomyces cerevisiae* while in the presence of one of five varying carbon substrates * Measured respiration rates and fermentation characteristics through Respirometry and HPLC * Designed an experiment to determine at what range in concentration the HPLC output contains less than a 5% error | Cambridge, MA  Feb 2012-June 2012 |
|  | **Volleyball Coach at Colorado Juniors Volleyball Club**   * Head coach of a youth team (2010-2011) * Coached clinics and skill sessions weekly | Monument,  CO  Sept 2009-Aug 2012 |
| **Activities and Awards** | **Alpha Phi Sorority**   * Help raise over $7,000/year for Women’s Cardiac Care through philanthropy events   **MIT Varsity Volleyball**  *Team Member* | Sept 2011-Present  Aug 2011-May 2012 |
|  | **Learning Links Program**   * Shadowed Oncology nurses and Biomedical Technicians * Aided in troubleshooting broken machines and recording data * Observed a live surgery   **High School Varsity Volleyball**  *Team Captain* | Feb 2011- May 2011  Aug 2007-May 2011 |
|  | **National Society of High School Scholars Member**  **Nationals Honors Society Member** | Sept 2009- May 2011 |
| **References** | *Available upon request* |  |