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| **Ian Walkinshaw**9871 E. 1st Ave. St., Apartment G208| Aurora, Colorado, 80010 | (518)209-7425 | iwalkins@gmail.com |
| **Objective** | To obtain a position in the field of mechanical engineering, working on thermal, or mechanical systems |
| **Education** | **Rensselaer Polytechnic Institute (RPI), Troy, NY** | **3.07 GPA** | **May 2014** |
| B.S. in Mechanical Engineering  |
| **Hudson Valley Community College (HVCC), Troy, NY** | **3.33 GPA** | **May 2012** |
| A.S. in Engineering  |
| **Relevant Experience**  | **Smarts Parts and Odometer, RPI sponsored by GE** | **Spring 2014** |
| * Member of an eight person interdisciplinary team working with life cycle management of wind turbines
* Participated in group meetings regarding brainstorming, data analysis and data correlation to determine design criteria
* Performed data mining on large sets of data to correlate turbine faults with parts consumption to aid in failure analysis
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| **Engineering Intern, Regeneron Pharmaceuticals, Rensselaer NY** | **May 2013- August 2013** |
| * Aided in project scheduling for large research and development laboratory
* Worked in laboratory for materials testing
* Worked with rapid prototyping equipment, including a 3D printer, CNC lathe and mill
* Interacted with personnel, both internally and externally
* Presented project to senior management
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| **Intern, Technical Patents and Licensing, Philadelphia PA** | **May 2014- August 2014** |
| * Reviewed patents for possible purchase
* Researched technical areas where clients may wish to buy patents
* Presented findings to management
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| **Additional Experience**  | **Researcher, Expanse Bioinformatics** | **August 2014-Present** |
| * Research companies working in the field of big data analysis of genetic and life style data
* Assist in developing plan for sale/licensing of intellectual property
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| **Skills**  | Microsoft Office (Word, Excel, Outlook, and PowerPoint), SolidWorks, highly self-motivated, design of mechanical components, evaluation of strength of materials, static and dynamic analysis, and thermal and fluid analysis. Knowledge of and experience with AutoCAD, Maple, and Minitab |
| **Honors/Awards** | Dean’s List, RPI Leadership Award, Best Multidisciplinary Design Project |
| **Hobbies**  | Music (electric bass), Tennis, Hiking and Skiing |
| **Community Service**  | Volunteer for Project Outreach: visiting local schools and performing simple engineering projects with young students to encourage an interest in sciences and engineering. |