**Tae Hoon Kim**

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**Current Address**: **Permanent Address**:

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**Objective** Seeking an internship for summer 2014 in the field of Mechanical Engineering

**Education**  **Bachelor of Science, Mechanical Engineering**, expected graduation May 2015

Virginia Polytechnic Institute and State University, Blacksburg, VA

In-major GPA: 3.01/4.00 Cumulative GPA: 3.15/4.00

**Associate of Science, Engineering**, May 2012

Northern Virginia Community College, Annandale, VA

**Course Projects**

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| ENGE 1114 Rube Goldberg Project, Virginia Tech, Blacksburg, VA Summer 2012 |
| * Designed the project from scratch to satisfy the term, ‘Drop a golf ball from 3feet high and place the ball on a golf tee.’ | |
| * Visualized the project with Autodesk Inventor Professional and used 3D Printer to manufacture our team’s CAD design. | |
| ME 2024 Hitch Insert Device Project, Virginia Tech, Blacksburg, VA Spring 2012 | |
| * Worked in a group of three to plan and develop everything to create a hitch insert device except physically manufacturing the project. * Used Microsoft project to plan and report the project, and Autodesk Inventor was used to create 3D CAD models, and to test stress analysis. | |

**Work Experience**

**Co-op, Locomotive Engineering**, Norfolk Southern Locomotive Shop, Bellevue, OH: August 2013 – December 2013

* Used Autodesk Inventor Professional, and Autodesk Revit to design shadow tool boards, and room extensions.
* Learned Microsoft Access and applied it to develop a database for shop gauges and calibration.
* Developed standard documents for the tool and machinery guide.
* Worked with gang leaders and supervisors on shop projects.
* Attended in shift turnover meetings to learn about transportation industry and rail operations.

**Computing Skills**

* Autodesk Inventor Professional 2014 Certified Associate (Pending)
* Autodesk Revit 2014
* Microsoft Access, Excel, Sharepoint 2010 Certified (Pending)
* Python (Pending - Coursera)
* JAVA (Pending - Udemy)

**Relevant Coursework:**

* Dynamic System Vibrations
* Heat & Mass Transfer
* Fluid Mechanics
* Thermodynamics
* System Dynamics
* Electrical Theory
* Industrial Electronics