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<u>Objective</u>: To challenge and expand my skills within a community who collectively produces tangible value for society via innovative products, services, or research

<u>Education</u>:

Portland State University, Portland,OR
2012-Current
- MS Computer Science (completion target 2015)
- GPA: 4.0

Oregon State University, Corvallis, OR
2005-2010
- BS Manufacturing Engineering
- BS Industrial Engineering with Business Engineering Option
- Business Minor
- GPA: 3.92, Summa Cum Laude

<u>Work Experience</u>:

LAM Research, Tualatin, OR (2012-Current)
Test Engineer
- Designed test processes & provided floor support to factory for multiple product families and business development groups
- Mapped facilities and dynamic product requirements with planning organization to ensure fluid production of complex, short-lifecycle products
- Co-developed product sub-systems with core design teams
- Implemented flexible, technical eDMS system for engineering and factory community

Novellus Systems, Inc, Tualatin, OR (2010-2012)
Manufacturing Engineer
- Factory platform manager integrating processes & design changes on rapidly evolving PECVD product family
- Developed technical assembly, test, and shipping content for factory personnel
- Product support for complex, multi-engineering disciplined product
- Reduced factory standard parts WIP by 40% via kanban replenishment system

Intel Corporation, Hillsboro, OR (2009)
Digital Health Group: Manufacturing Engineer
- Developed high and low level manufacturing processes to ensure proper assembly and test of product at contract manufacturing facilities
- Drove value-added change to enhance product quality and reduce BOM costs via engineering analysis and experimental design
- Setup local manufacturing environment and procedures for all "spares" level products

Novellus Systems, Inc, Tualatin, OR (2008)

Manufacturing Engineer
- Continuous Improvement (CIP) project engineer supporting all product lines to maintain production of semiconductor capital equipment
- Designed fixturing and handling processes to ensure safe transportation and installation of subassemblies
- Lean implementations:
  - Jidoka (defect-free) based fixturing to address manufacturing defects
  - Min/max inventory control
  - Work-cell and product flow development

People Powered Recreation, Corvallis, OR (2005 – 2009)
Mechanic & Sales

Allied Power Products, Inc, Beaverton, OR
Manufacturing & Office Technician (2002 –2005)

Honors / Leadership / Activities:

Leadership & Service
- NCompass volunteer (2012-Present)
- Imago Dei community volunteer (2012-Present)
- Math Tutor: Pre-algebra through Integral Calculus (2005 – Present)
- Alpha Pi Mu Industrial Engineering Honors Society, President (2007-2010)
- Doxology & Stone Soup Kitchen Volunteer (2008–2010)
- Corvallis Church of Christ Volunteer (2006–2009)
- St. Vincent DePaul Volunteer (2001 – 2009)
- MSCC Missions Leader, Mexico Volunteer Service Trips (2000 – 2001)

Activities
- SME - Society of Manufacturing Engineers (2007-Present)
- IIE - Institute of Industrial Engineers (2007 – 2010)
- OSU Cycling (2005 – 2010), CAPA Cycling Team (2008 – 2010)
- Portland Wheelmen Cycling (2010-Present)
- OSU Club Ultimate Disc (Spring 2005 – 2008)

Honors & Awards:
- 1x LAM Research Above & Beyond, $100k+ cost reduction (2013)
- 3x Novellus Above & Beyond
  - 2x new product integration (2012)
  - 1x outstanding support (2012)
- Burgess-Tektronix Award – Most Outstanding Senior (2010)
- Oregon State University Honor Roll (Fall 2005-Present)
- Oregon State University Diversity Achievement Award (Fall 2005-2009)
- Callahan Engineering Scholarship Award (Fall 2007)
- Drucilla Shepard Scholastic Award (Fall 2005)
- William D. and Ruth D. Roy Award (2007–2009)
- West Johnson and Elizabeth Johnson Lasselle Scholarship Award (Fall 2005-2008)
- Ida M. Crawford Scholarship Award (Fall 2007)
- SME Myrtle & Earl Walker Award & Wayne Kay Award (2008, 2009)

References available upon request
Please visit [website](cdaringe.net/about) (cdaringe.net/about) for additional details.