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www.mechanical.com

# MAGNES ALEXANDER

Mechanical Engineer

Mechanical Engineer with at least 8 years of heavy design experience for a major client here in the Orlando area. The right candidate will have significant Solid Works and sheet metal fabrication experience. Experience with injection molding and automation systems is preferred. seeking to leverage my expertise to join Tack Inc. as a Lead Mechanical Engineer.

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## Experience

2016–2020

**Associate Mechanical Engineer • Stay Fresh Technologies**

- Researched new materials and production techniques, writing and distributing 2 reports annually to the engineering team. Met and coordinated with clients to oversee equipment installation and maintenance. Maintained a production error rate consistently to the constipates in the organization work in motion program
- Coordinate between the design and production teams to ensure our end product meets a reliably high level of quality. Increased overall production efficiency by 14% through minimization of bottlenecks.

2012–2016

**Mechanical Engineer • BEA Industries**

- Work with a team of 12 to design, build, and install a wide range of cooling equipment for use in industrial food preservation systems. Coordinate between the design and production teams to ensure our end product meets a reliably high level of quality.
  - Enforce strict adherence to OSHA safety guidelines. Planned and executed blueprints and technical drawings for state-of-the-art high-capacity cooling systems, increasing industrial output by 4%. Coordinate between the design
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## Education

B.S in Mechanical Engineer, Syracuse University (2007 - 2011)

- GPA 3.25

M.S in Mechanical Engineer, Harvard University (2011 - 2012)

- GPA 3.69
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## Skill

Microsoft Visual Basic, Trimble SketchUp Pro, The MathWorks MATLAB, Mathcad, Python, Microsoft Office Suite, Adobe Systems Adobe Fireworks, AutoCAD, Manual Dexterity.