

# Shane Altman

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## Education

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**University of Vermont** | Burlington, VT  
*Bachelor of Science, Mechanical Engineering*

May 2016

## Professional Experience

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**BAE Systems, Inc. | Process Engineer** | Nashua, NH November 2017-May 2019

- Possess an active secret level DoD security clearance.
- Supported, implemented, and maintained manufacturing processes within multiple microwave factories.
- Oversaw operators working within all factory cells, including test, wire bonding, and inspection.
- Managed material issues in regards to violating or conforming to military standards and specifications.
- Collaborated with design and test engineers to facilitate, incorporate, and evaluate new design changes and requirements.
- Provided off-shift support for order processing software errors in regards to rework processes and nonconforming material.

**Harvey Tool Company | Engineer/Technical Sales Representative** | Rowley, MA June 2016-September 2017

- Assisted customers in choosing custom or off-the-shelf tools for their specific CNC application.
- Designed and quoted custom tools for unique CNC operations using AutoCAD.
- Provided product specifications and running parameters for customers using Harvey tools to decrease cycle time and increase quality of customer's product.
- Collaborated with the New Product Development team to execute technical projects in a timely manner to support new catalog releases every three months.

**DR Power | Engineering Team Designer** | Vergennes, VT August 2015-May 2016

- Collaborated with a team of engineers to design and construct a log splitter simulator to be used to test the durability of log splitters.
- Utilized SolidWorks to finalize designs.
- Produced a video report documenting our design and manufacturing process.

**Maddocks Masonry and Landscaping | Landscape Laborer** | Cambridge, VT Summer 2015

- Constructed retaining walls, brick paver patios, and garden beds.
- Experience in native plant maintenance techniques including pruning, diagnostic, and corrective measures.
- Knowledge of mixing cement, plaster, and mortar in adequate proportion.
- Ability to understand blueprints.

**Ross Brothers Landscaping, Inc. | Landscape Crew Foreman** | Northvale, NJ Summer 2011-2015

- Led and oversaw a five-person crew completing landscaping projects.
- Operated a wide range of machinery.
- Maintained a safe working environment.

## Skills and Expertise

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- Familiar with all current military standards and specifications.
- Knowledge of microwave engineering and RF design.
- Knowledge of injection mold design, build, and tooling requirements.
- Knowledge of Material Science principals and applications related to manufacturing of plastics, steels, and aluminum alloys.
- Knowledge of CNC operation, tool manufacturing, tooling applications, and material properties.
- Computer programs: MS office, MATLAB, SolidWorks, AutoCAD.