

# Michael Hagenow

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## EDUCATION

**Tufts University**, Medford, MA

Bachelor of Science in Mechanical Engineering, May 2014

GPA 3.77, Dean's List, Mitchell Scholar

## SKILLS

Programming Languages: C++, Visual Basic, Objective C, C#, Caché

Software: Solidworks, AutoCAD, Labview, Microsoft Office, Matlab

## RELEVANT COURSEWORK

Instruments/Experiments, System Dynamics and Controls, Heat Transfer, Machine Design, Dynamics and Vibrations, Engineering Materials, Fluid Mechanics, Thermodynamics, Data Structures

### **PID Controlled Thermal Redesign of Espresso Maker Heating Chamber ●**

Received O'Leary Design Award for best project

## EXPERIENCE

**Epic Systems**, Verona, WI

*Technical Services Team Lead*, Jul 2014 – July 2017

- Development and support of C#, VB, Caché, CSS, and HTML
- Project Management and Product Guidance for 6 hospital systems
- Manage and grow 5 direct reports

**United Electronic Industries**, Walpole, MA

*Intern – Technical Marketing*, Jan 2014 – May 2014

- Identified more than 500 market leads
- Collaborated with sales team to identify further product application
- Developed automated databases to improve internal processes

**General Electric Aviation**, Lynn, MA

*Intern – Military Systems/Project*, May 2013 – Aug 2013

- Created Access Databases to improve Hardware Returns System
- Produced and presented several technical documents for CT7-8 Helicopter Engine Line
- Provided correspondence, feedback, and solutions for field engine complications

## HOBBIES

Ultimate Frisbee, Ukulele, Espresso and Coffee Roasting

## PUBLICATIONS

W. Hu, Q. Fan, A. H. Nicholas, M. C. Hagenow, and A. T. Ohta, "Bubble micro-manipulator for cooperative micro-manipulation," 9th IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS). Apr. 2014.