

Kennedy Berry

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EDUCATION

Franklin W. Olin College of Engineering—Needham, MA
Candidate for B.S. in Engineering

August 2010—December 2015

Alpharetta High School—Alpharetta, GA
Completed 4 year program in 3 years; top 10% of class

August 2007—May 2010

SKILLS

Mechanical/Fabrication: Manual milling, engine lathe, 3/4-axis CNC milling, CAM software, MIG and TIG welding, CNC abrasive waterjet cutting, sheet metal fabrication, metal forming, SolidWorks CAD and drawings

Business: Project planning and management, purchase negotiation, vendor relations, customer support

IT: Tier-II support; Windows system administration; Windows, Mac, Linux, all mobile OSes; network operations

Mechanical: Troubleshooting and repair, antique diesel and gasoline engines, small engines, agricultural vehicles

EXPERIENCE

Mechanical Engineering Intern

September 2014—Present

Exact Engineering—Needham, MA

Support day-to-day operations of mechanical engineering/fabrication shop specializing in optomechanical design

- Create and check engineering drawings for parts manufacture
- Machine parts (manual mill, 3-axis CNC mill, manual lathe)
- Spec and purchase shop equipment and machinery
- Assist with mechanical design

Machine Shop Instructor Teaching Assistant

January 2014—Present

Olin College of Engineering—Needham, MA

- Instruct students in metrology, parts inspection, creating engineering drawings, hand tools, sheet metal fabrication, operation of manual milling machines, engine lathes, and 2-axis CNC milling machines
- Created new CAD models for Tesla Turbine machining project to incorporate design improvements
- Updated and corrected engineering drawings for turbine project to meet ANSI standards
- Revamped manufacturing process to streamline machining, minimize waste, and incorporate more effective machining practices

Robotics Consultant and Agricultural Equipment Mechanic

September 2013—Present

Olin College SCOPE Program and Intelligent Vehicle Lab—Needham, MA

- In charge of maintenance and repairs on vehicles used for robotics research
- Consult on design and testing of agricultural vehicle projects, including AGCO-sponsored senior project
- Provide specialized mechanical assistance and safety training for autonomous vehicle projects

Systems Analyst

October 2012—April 2013

Edenred USA—Newton, MA

- Planned, tested, and executed 20-user N-Computing thin-client deployment
- Worked with corporate-level IT engineers on full IT infrastructure migration; maintained 8AM-8PM uptime for Production, Customer Service, and Sales departments throughout
- Negotiated purchasing for all IT projects, totalling over \$500,000

IT HelpDesk Technician

September 2011—September 2014

Olin College IT Department—Needham, MA

- Provided Tier-II desktop support for 400+ students, faculty, and staff at Olin College
- Supported audio/visual presentation needs for college events and external visitors

LEADERSHIP

Eagle Scout—Boy Scouts of America

1998—2011

Band Captain—Alpharetta High School Band

July 2007—May 2010