

Heather Lauren Shumaker

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651-788-3553

EDUCATION

University of Wisconsin – Madison Madison, WI

B.S. Biomedical Engineering, expected May 2017

Overall GPA: 3.53/4.00

Dean's List Fall 2013, Spring 2014, Fall 2014

EXPERIENCE

VTB (Vascular Tissue Biomechanics) Laboratory, Madison, WI

Undergraduate researcher, Summer 2015

- Investigating the mechanisms of progression of pulmonary arterial hypertension
- PV loop analysis of right ventricle and pulmonary arteries
- General tool development

Shumaker & Sieffert, P.A., Woodbury, MN

Legal Assistant, May – July 2014/ June – August 2013

- Prepared work product templates for patent attorneys
- Processed intake and docketing of new and transferred patent applications
- Generated reporting correspondence with clients and foreign patent associates
- Organized patent application files and recordkeeping

Neighborhood House, St. Paul, MN

Child Teaching/Care Assistant (Volunteer), June 2012-August 2012

Food Shelf Helper (Volunteer), June 2012-August 2012

- Prepared children for preschool and kindergarten
- Promoted early education and provided care and support for underprivileged children
- Collected and transported donations to food shelf

ACTIVITIES

Wisconsin Engineering Magazine (2014-2015), *Head of Photography, photographer, writer*

Biomedical Engineering Society (2014-2015)

Society of Women Engineers (2013-2014)

Intramural Sports (softball)

SKILLS

Programming: Java, Matlab, Arduino, C++

Other: Photoshop, LabVIEW