

Daniel Wilkin

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Current Address:
410 Houston St. Apt J
Blacksburg, Virginia 24060

EDUCATION

Virginia Polytechnic Institute and State University, Blacksburg, VA

Major: B.S. Biological Systems Engineering

Minor: Biomedical Engineering

- 3.60/4.00 Cumulative GPA
- 3.81/4.00 In-Major GPA
- Dean's List: Spring and Fall 2014, Spring and Fall 2015, Spring 2016

Expected Graduation: May 2018

WORK/RESEARCH EXPERIENCE

Research Assistant, Pediatric Medical Device Institute

- Constructed an air reservoir and corresponding pump for use in third world nations (No electricity required for use) to provide choking infants with either propulsion or suction of air

Date of Participation:

Jan. 2015-May 2015,
July 2016-Fall 2016

USP Student, Nutritional Immunology and Molecular Medicine Laboratory

May 2015-July 2016

- Conducting research in interdisciplinary teams to tackle challenges in infectious, immune-mediated, and chronic inflammatory diseases using *bioinformatics*
- Participant in the Undergraduate's Scholar Program, combining scientists and engineers to collaborate on projects using data collection and analytics to discover potential therapeutics

Intern, Optical Cable Corporation

Spring 2010

- Tested methodologies for fiber optic cable production using statistical analysis

SCHOOL ACTIVITIES

G.E.R.M.A.N. Club of Virginia Tech

2015-Present

- *Leadership Chairman* – Organizing student-led leadership course for GERMAN Club members to gain valuable leadership knowledge during and after college

Circle K International

2013-Present

- *President* - Oversee all tasks of the executive board, coordinate with district presidents, and ensure club remains engaged and functional
- *Kiwanis Family Vice President* - Coordinated between different branches of the Kiwanis family on service projects, and various other events
- *Social Committee Chairman* - Planned social and fellowship events for club members

Biological Systems Engineering Ambassador

2015-Present

American Society of Agricultural and Biological Engineers (ASABE)

2014-Present

Intramural Sports

2013-Present

AWARDS & HONORS

Eagle Scout, Troop 236, Roanoke, VA

2012

- Organized/led a team of 40+ in building a bird shelter for a Roanoke Wildlife Rescue Center
- Raised over \$1500 in funds to construct project
- Totaled over 450 hours of service in total for completion

James Reed Scholarship Recipient for "Dedication and Spirit of Service", Circle K International

2014

Peter H. Fitzgerald Scholarship Endowment, Department of Biological Systems Engineering

2016

Jim & Elizabeth Lillard Scholarship Endowment, Department of Biological Systems Engineering

2016

Sigma Alpha Lambda National Leadership and Honors Organization Member

2015-Present

SKILLS

- Microsoft Office, LabVIEW, MATLAB, Autodesk Inventor