

# Daniel Wilkin

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410 Houston St. Apt J  
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## EDUCATION

Virginia Polytechnic Institute and State University, Blacksburg, VA

**Major: B.S. Biological Systems Engineering**

Expected Graduation: May 2018

**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

## WORK/RESEARCH EXPERIENCE

*Research Assistant*, Pediatric Medical Device Institute

**Date of Participation:**

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

- 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

*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