

## **Matthew T. Ryan**

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(484) 844-1840 // mtr5235@psu.edu

### **Education**

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**The Pennsylvania State University** // University Park, Pennsylvania

Immunology and Infectious Disease B.S., 2018 // 3.53 GPA

### **Experience**

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#### **Undergraduate Research Assistant**

**The Pennsylvania State University** // November 2016 - Present

- Maintained proper greenhouse conditions for ideal plant growth and monitored plant population for potential disease spread
- Followed strict SOPs for proper research techniques and revised outdated and ineffective SOPs

#### **Laboratory Teaching Assistant for Molecular Biology**

**The Pennsylvania State University** // August 2016 - Present

- Instructed students in essential laboratory techniques including polymerase chain reaction, fluorescence microscopy, and microbial antibiotic resistance plates
- Led discussions and lectures on techniques and application to different laboratory scenarios
- Graded and revised reports to ensure students understood proper research report presentation

#### **Registered Pharmacy Technician / Pharmacy Assistant**

**CVS Pharmacy** // Pinellas Park, Florida // May 2016 - August 2016

- Filled prescriptions in a safe and timely manner in accordance to safety guidelines
- Screened drop-off prescriptions for potential fraudulent prescriptions

#### **Hospital Emergency Department - Back Volunteer**

**Morton Plant Hospital** // Clearwater, Florida // May 2016 - August 2016

- Assisted Emergency Department staff by transporting patients to their rooms
- Served as a liaison between staff and friends or family of Emergency Care Center patients.

#### **Quality Control Technician**

**Veltek Associates Inc.** // Malvern, Pennsylvania // May 2015 - August 2015

- Good Manufacturing Practice Certified & Aseptic Gowning Qualified
- Supervised the production of medical supplies in up to eight production rooms concurrently
- Worked in a laboratory and cleanroom setting to ensure water quality used in production

### **Honors and Extracurriculars**

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- Dean's List Spring 2016 & Fall 2016
- Introductory Biology Lecture Assistant
- Secretary of Penn State Club Floor Hockey League
- PSAA Trustee Scholarship in Agricultural Science
- Penn State Club Sports Safety Officer (American Red Cross Certified)
- Penn State Club Sports Hockey Referee