

# BRIAN YEUNG

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## EDUCATION

### Lehigh University, Bethlehem, PA

Bachelor of Science in Bioengineering (Bioelectronics)

Minor: Graphic Design

Honors: Dean's List (4 semesters), David J. Rights Scholarship, Donald & Dorothy Stabler Scholarship

Graduation: May 2020

GPA: 3.83

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## ACADEMIC PROJECTS

### Lehigh River Watershed in Virtual Reality

Summer 2018

- Created a virtual reality program to educate high schoolers about the Lehigh River Watershed
- Used Unity3D and 360 images to create the program, which involved coding in C# and knowledge of flying drones
- Presented the project at the TLT Summit at Lehigh University (one of the first undergraduate student to do so)

### Chemistry Lab

Spring 2017

- Performed different chemical reactions such as redox, titration, and combustion
- Worked with lab equipment such as Bunsen burners, spectrometers, and burettes
- Created polar and molecular VSEPR models

### Electronic Circuits Lab

Spring 2018

- Utilized circuit components such as resistors, BJTs, MOSFETs, and operational amplifiers
- Handled lab equipment such as voltmeters and oscilloscopes, as well as PSPICE simulation

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## EXPERIENCE

### Lehigh University Mail Center

Assistant Mail Specialist

Lehigh University

2017 - Present

- Sort an estimated 30 mail packages per hour in their proper location, as well as promptly deliver them to customers
- Interact and communicate effectively with co-workers and customers to promote a smooth work flow

### Grand View Hospital

Volunteer

Sellersville, PA

2015 - 2016

- Organized and scanned physical building blueprints into the hospital's main computer system to improve organization
- Distributed water to patients, transported patients safely in wheel chairs, and changed linens to ensure the well-being of patients

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## LEADERSHIP

### Kappa Kappa Psi – Kappa Gamma (Music Fraternity)

Secretary

Lehigh University

2016 - Present

- Attentively take attendance and minutes during biweekly chapter meetings to maintain a record of what was discussed
- Regularly maintain directories and attendance records within the Kappa Gamma chapter
- Manage electronic communication with 147 alumni and 40 other chapters about important Kappa Gamma events
- Engage with the surrounding community to provide community services related to music, such as playing music for the elderly and helping the local middle school with their band program

### The Marching 97

Member

Lehigh University

2016 - Present

- Experienced percussion player for Lehigh University's marching band
- Participate in weekly practices and perform at football games to help promote school spirit

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## SKILLS

- Java, PSPICE, MATLAB, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Unity3D, Percussion
- Relevant Coursework: Object Oriented Programming, Data Structures, Chemical Equilibria in Aqueous Systems, Signals and Systems, Introduction to Electromagnetics, Electronic Circuits, Graphic Design: Word and Image