

# Brady Snelson

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## Objective:

Seeking to apply and develop practical technical skills in a flexible work environment connected to my passion for and involvement in UMD athletics. Dedicated and highly self-motivated engineering student athlete with proven technical skills.

## Education:

University of Maryland, College Park || 2016 – Present; Anticipated Graduation **May 2020**

B.S. Computer Engineering || Cumulative GPA: **3.85** || Major GPA: **4.0**

## Experience:

### Rockwell Automation – Milwaukee, WI

*Software Engineering Intern* || May 2018 – August 2018

- Collaborated with team members to produce software in an agile development cycle.
- Developed a setup wizard for an eHIM (Enhanced Human Interface Machine) used on industrial motor control drives.
- Migrated data inputted into setup wizards onto physical drives as parameters.
- Visualized data from drives to eHIM for easier comprehension and understanding by the consumer.

### Phi Kappa Psi Fraternity – College Park, MD

*PR Chair* || Jan. 2017 – Present

- Maintain public relations with alumni and run social media presence.

*Web Master* || Sep 2017 – Present

- Develop and maintain Maryland Gamma chapter website.

### Sreaker Enterprises – College Park, MD

*Phone Repair Technician* || Sep. 2017 – May 2018

- Coordinated phone repairs, examined phones for issues, and replaced cracked phone screens.
- Troubleshooted customer issues post and pre repair.

## Activities:

### Varsity Track & Field – College Park, MD

*Athlete* || Sep. 2016 – Present

- Liaise with coaching staff on a regular basis to accomplish team goals and formulate personal success.
- Learn and execute the policies and procedures governed by the NCAA.

### Lakeland STARS – College Park, MD

*Volunteer* || Sep 2016 – May 2018

- Tutored elementary school children three hours a week in all school subjects as part of a service learning project.

### College Park Scholar's – College Park, MD

*Justice and Legal Thought* || Sep 2016 – May 2018

- Two-year honor program focused on interdisciplinary study, practical hands-on experiences, and community engagement.
- Engaged in active learning opportunities to bolster a greater understanding of law and justice.

## Projects:

### Device Checkout Website

*Frontend Developer* || Summer 2018

- Developed and designed an internal checkout tool using the MEAN web stack and Angular Material Design guidelines.

### Magic Mirror

*Personal Project* || Summer 2018

- Designed, programmed, and built a homemade integrated smart mirror system.

### Autonomous Over Sand Vehicle

*Team Leader and Programming Sub-Team Leader* || Spring 2018

- Led and collaborated with six students to engineer an autonomous over-sand vehicle that would accomplish defined goals.
- Individually programmed Arduino system to locate and extinguish fires and remove debris from arena.

### Processing Breakout Game

*Personal Project* || Fall 2017

- Built a java game in processing based upon the classic Atari game: Breakout.

### Barefoot Haven Yoga Studio: Online Scheduling and Check-in System

*Administrative Assistant* || 2016

- Launched a new online scheduling and check-in system to streamline operations.

## Awards:

- President's Academic Scholarship || 2016 – Present
- Dean's List || Fall 2016, Spring 2017, Fall 2017, Spring 2018
- Student Athlete Honor Roll || Fall 2016, Spring 2017, Fall 2017, Spring 2018

## Skills:

- Java, Angular, Node.js, TypeScript, HTML, CSS, MEAN.io, JavaScript, Git, MATLAB, Processing, Arduino, Autodesk Inventor, Microsoft Office, Adobe Creative Suite