



# SANJEEV RADHAKRISHNAN

I am a motivated student who demonstrates strong work ethic and intellectual curiosity. I am seeking to learn as much as possible and expand my capabilities at Johnson and Johnson.

## EDUCATION

**STANTON COLLEGE PREPERATORY SCHOOL,  
JACKSONVILLE, FL  
2016-2020**

- **GPA:** 3.8621/4.7586 (unweighted/weighted)
- **Relevant 2020 Coursework:** AP Microeconomics, IB Biology 2, Anatomy/Physiology, IB Physics 2, & AP Calculus BC
- **Clubs/Interests:** FIRST Robotics (FRC), Future Business Leaders of America (FBLA), Stanton Medical Society, Creekside Elementary School Creeker Program, Great Decisions, & Swimming

**UNIVERSITY OF FLORIDA,  
GAINESVILLE, FL  
2020-2024 (expected)**

- **Current GPA:** 3.94
- **Intended Major/Minor:** Bachelor of Science in Mechanical Engineering/Entrepreneurship
- **Relevant Coursework Completed (Fall 2020 to Summer 2021):** General Chemistry 1 [+ lab], Analytic Geometry & Calculus 1, CAD (Solidworks), Analytic Geometry & Calculus 2, Physics with Calculus 1 [+ lab], Engineering Mechanics: Statics, Computer Programming for Engineers (Matlab), Analytic Geometry & Calculus 3

## SKILLS

- Solidworks
- Matlab
- Microsoft Office
- Taekwondo (black belt)
- Python\*

\*I am still a [relative] beginner when it comes to this skill. I am learning and am actively developing my capabilities in this department.

## CONTACT DETAILS

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## PROFESSIONAL EXPERIENCE

### THE COVES AT RIVER GARDEN HEBREW HOME

**Dining Services Attendant | 2017 - 2019**

- Assisted with food distribution in the residential complex of a nursing home.
- Interactions and relationships with both the patrons and my coworkers were the highlights of my experience.

### PROGRESSIVE STEP REHABILITATION SERVICES

**Physical Therapist Aid | 2019**

- Assisted Mr. David Shelton and Ms. Suzanne Langenberg with daily operations.
- Directly helped patients recover from pain through exercise and other proven treatments.

## OTHER RELEVANT EXPERIENCE

### STANTON MEDICAL SOCIETY

**President | 2016 - 2020**

- Public Relations Officer sophomore year, Vice President junior year, & President senior year.
- Arranged field trips to hospitals and other health facilities in order to help instill a passion for medicine that might one day develop into a career.
- Brought in guest speakers to educate students about different roles and concepts in the medical field.

### FIRST ROBOTICS (FRC)

**CAD Team Lead | 2016-2019**

- Worked with Team Resistance for 3 years and was chosen as one of the CAD team leads in my final year.
- Learned Solidworks/CAD and a lot about mechanical design/engineering in general [especially in the context of robots].
- Team Resistance went to the state tournament and competed at a high level every year.

### DEEP LEARNING-BASED HUMAN POSE ESTIMATION USING OPENCV

**2021**

- Over the summer of 2021, I learned about the processes used to interpret and analyze images using software under the guidance of Dr. Jack Judy and Dr. Erin Patrick
- This research was done in the Department of Electrical and Computer Engineering at the University of Florida.
- This was my first exposure to the practical applications of software in an academic context.

I have also volunteered extensively with the following organizations:

- FIRST Robotics
- Malivai Washington Youth Foundation
- Juvenile Diabetes Research Foundation (JDRF)