

Jeyadev (JD) Jayaprakash

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EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC

May 2029

Bachelor of Science in Biomedical Engineering

Minor/Concentration or focus

GPA: 3.5 or higher

RELEVANT EXPERIENCE

CATCH, Chapel Hill, North Carolina

September 2025-Present

Member

- Diagnosed optimal methods for accessibility button retrofits in toys for children.
- Modified various toys to function in a more convenient manner for children with disabilities.
- Designed several new processes for previously undocumented toys for modification.

Vazquez Research Group, Raleigh, North Carolina

May 2024-August 2024

Undergraduate Researcher

- Implemented a new parallelized process for organization of electrical components.
- Developed a wireless low-energy communication application for implantable device testing.
- Manufactured prototype development boards for the testing of implantable devices.

Morrisville Taekwondo, Morrisville, North Carolina

May 2024-August 2025

Employee

- Worked with various ages ranging from preschoolers to adults to teach martial arts.
- Coordinated and participated in the testing of students for their next ranks.

SKILLS

Technical Skills: Programming proficiency in frontend languages, ability to abstract concepts to be teaching-friendly