

Chetanya Singh

Undergraduate Student at Brown

CURRICULUM VITAE

Research Experiences

Brown University, 2024-25

- **Asaad Lab (Researcher):** Optimizing closed loop deep brain stimulation through machine learning; personally striving to use better algorithms for the lab's research.
- **Brewer Lab (Researcher):** Identifying the behavioral correlates of interest and deprivation curiosity; leveraging Literal AI to create a chatbot that enhances interest curiosity in students.
- **DesignxHealth (Team-Based):** Evaluating strategies to conduct research on VR technology as a therapeutic for phantom pain; intensely involved in pitching research proposals to doctors and medical students.

Academic Coursework

Brown University, 2024-25

- **Fall 2024:** Multivariate Calculus; Health Care in the US; An Introduction to Neuroscience, Equilibrium, Rate and Structure.
- **Spring 2025:** Introduction to Computational Neuroscience; Principles of Physiology; Cognitive Science of Meditation; Organic Chemistry I; Sociotechnical Design and HCI.
- **Fall 2025:** Organic Chemistry II, The Idea of Self, Contemplation, Mysticism, and Action in Christianity, Linear Algebra, Neural Systems

Extra-Curricular Experiences

Brown University, 2024-25

Collegiate Debate: APDA + BP

- Represented Brown at universities such as Princeton, Harvard, Brandeis, Boston, and American, winning a tournament as a novice debater.
- Judged debates at Brown University's ADPA tournament.

Volunteering - Miriam Hospital

- Underwent volunteering training at Fain Cancer Center.
- Volunteered for 40 hours, speaking to patients in the facility, assisting nurses in providing sustenance and ensuring wellbeing.

Volunteering - Hospice + Nursing Home

- Successful in Brown Undergraduate Students for Hospice's (BUSH) selection process.
- Underwent over 10+ hours of hospice volunteering training and have volunteered in caregiver respite for 8 hours.
- Currently being onboarded to support patients with 6 months left to live.
- Volunteering at Little Sisters of the Poor.

Volunteering - Brown RISD Catholic Community

- Volunteered for 60+ hours as altar server.
- Became liturgical chair through an election process by Pastoral Council.