

# DHRUV CHAUDHRY

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## EDUCATION

**Bachelors of Computer Science, New Jersey Institute of Technology** – Newark, NJ **Expected 2024**

- GPA: 3.78/4.0
- Activities: Robotics Club (2021-Present)
- CS 100 (Python), CS113 (Java), CS 114 (Data Structures)

**High School Diploma, BERNARDS HIGH SCHOOL** – Bernardsville, NJ **2016-2020**

- GPA: 3.0/4.0; Earned Service Award for 100+ hours of community service (2019)
- Activities: Robotics Club (2016-2017)
- AP CS, AP CSA, AP Stats

## EXPERIENCE

**Intern, SPECTRAL DESIGN & TEST INC.** – Somerville, NJ **Summer 2019**

- Researched and wrote one 200-page user manual including relevant diagrams, created on Google I/O, to support Documentation Team sales and service efforts for Spectral embedded memory chip products; composed sections of two additional manuals
- Attended, observed, and contributed during conferences and meetings to gain insight into chip technology, manufacturing process, and IT advertising and sales strategies

**Programmer/Graphic Designer, The Curry and Grill Factory** – Martinsville, NJ **12/2020-01/2021**

- Helped a local restaurant business effectively advertise through the use of Mailers coded in HTML; integrated URL's using anchor tags; Designed and programmed an effective UI to help users easily interact with the mailer
- Graphically designed and a logo using photoshop to help the business establish an identity.

**Creator/App Designer, PLANNER PRO** – Bedminster, NJ **8/2019-Present**

- Develop iPhone app, using Java, HTML, and C++, aimed at helping users plan time, manage appointments and track projects with integrated features, such as traffic, Google Maps, and Apple Home

## ACTIVITIES & SERVICE

**CS50's Introduction to Artificial Intelligence with Python-** Somerset, NJ **12/2021-Present**

- Attended and completed an extensive 7-week course on Artificial Intelligence using python. Gained a better understanding of the various algorithms and ideas of Artificial Intelligence
- Applied modular knowledge and efficiently developed various projects using Python to further explore the concepts and algorithms.

**Programmer, NJIT Robotics Club** – Newark, NJ **09/2021-Present**

- Gaining real-world engineering experience through the medium of building and programming robots for VEX competitions

**Participant, HACKATHONS** – Hillsborough, NJ **2016 & 2017**

- Participated in 2016 MontyHacks Hackathon and 2017 Hackathon to challenge and improve computer programming skills

**Volunteer, ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL** – Somerset, NJ **2018-2019**

- Selected through competitive application for one-year RWJ volunteer program; completed 110 hours of service
- Monitored front desk: responded to phone inquiries and greeted and directed guests to establish a welcoming environment and support hospital operations
- Provided patient transport to ensure patient safety and assist the healthcare team

## ADDITIONAL INFORMATION

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**Summer Experience:** Participated in 1-week iD Tech C++ Coding Camp (2018)**Languages:** Hindi (Native); English (Fluent); Spanish (Intermediate)

**Skills:** C++, HTML, JAVA, Swift, Python, JavaScript, Unity

**Interests:** Tae Kwon Do (First-degree Black Belt); Running (5:25 mile). Can play the guitar. Programming, Raspberry Pi