

# Brian Sun

bysun@purdue.edu (908) 627-3741

## OBJECTIVE

Searching for a summer internship that utilizes my technical and problem-solving skills in the field of Data and Computer Science.

---

## EXPERIENCE

Research Lab at Rutgers University (2019)

- Worked under a principle investigator and a team of undergraduate/graduate students to develop a Shopping Mall Simulator using real data sets by assisting in designing and creating behavior trees written in C++ with the platform Unity.

Internship at Expreseo (2019)

- Designed and built websites for a marketing company focused on SEO. Learned about optimizing websites to appear at the top of keyword google searches.

Johnson & Johnson Technology Awareness Program (2017 - 2018)

- 1 of 40 students chosen to collaborate in small groups creating and presenting a technology innovation to J&J executives. Voted as the winning team.
- 

## EXTRACURRICULAR ACTIVITIES

Science Olympiad Team (2019 - 2020)

- Part of the HHS Science Olympiad A Team for Division C ranking 4th overall at States (NJ), personally placing 1st and 3rd in Solar Power, and Detector Building respectively at States.

FIRST Robotics Competition - Electrical Team Manager (2016 - 2019)

- Managed the electrical team of about 10 students to design and collaborate with other teams to create a functioning electrical system for the robot.

Electrical Engineering Club - Vice President (2017 - 2019)

- Created lesson plans and supervised club members in designing and creating various electrical projects exhibited at events such as our local library science fair.

Founder of Library Program "Web Page Design" (2017 - 2019)

- Led an introductory HTML/CSS coding class to middle school students teaching them fundamental web page design skills and ideas.
- 

## SKILLS

Programming

- Java, HTML/CSS, C++, R
- Unity, WordPress, Autodesk C.A.D. Electrical, Microsoft Word, Outlook, Google Drive, Gmail, PowerPoint, Spreadsheet

Electrical Wiring/Understanding

- Wiring/understanding circuit boards including application and use of tools and components.
- 

## EDUCATION

(2020 - 2024) Purdue University – (B.S.) Data Science

(2016 - 2020) Hillsborough High School — 466 Raider Boulevard, Hillsborough, NJ, 08844

- Weighted GPA: 100.28                      Unweighted GPA: 92.08