

SAI MADURI

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EDUCATION

- Rutgers University • New Brunswick, NJ** September 2020 – May 2024
School of Arts and Sciences GPA: 4.0/4.0
• Bachelor of Science in **Computer Science** • Honors Program
- South Brunswick High School • South Brunswick, NJ** September 2016 – June 2020
• High School Diploma • Robotics President • High Honor Roll GPA: 4.4/4.0

WORK EXPERIENCE

- Software Engineering Intern** – Bloomberg LP May 2021 – Present
New York, NY
• Responsible for the development of a new system to easily load test different services, including both open source and Bloomberg technologies
• Still in progress!
- Software Engineering Intern** – Bloomberg LP June 2020 – September 2020
Princeton, NJ
• Developed a Python library to optimize interactions with internal and external ticketing systems
• Used various APIs, databases, and services to retrieve and update information, created documentation to launch the package for deployment
- Software Development/Data Science Intern** – Leverton June 2019 – August 2019
New York, NY
• Designed a tool utilizing decision tree regressors & ensemble learning to predict the reviewing time of various documents supported by the Leverton Platform

PROJECTS

- ChanceMe** – Python, HTML/CSS/JavaScript April 2020
• Created a web application that predicts a student's chances on being accepted to a university's undergraduate program based on academic achievements using various machine learning models
- TiltPong** – Java, HTML/CSS/JavaScript, NodeJS April 2019
• Developed an android application to play a multiplayer game of Pong in which phones act as controllers
• The app retrieves sensor data from the phone and transmits it to a web browser that is hosting the game
- RendezVous** – Java, Firebase, Various APIs October 2017
• Built an android application that takes the location of two phones and suggests neutral meeting points between the two users

TECHNICAL SKILLS

- Programming languages: Java, Python, Web (HTML/CSS/JavaScript), C
- Software: G Suite, Git, Android Studio, Unity, Firebase
- Non-Technical: Adaptability, Teamwork, Leadership, Organizing Events/Fundraising

HIGHLIGHTED COURSEWORK

- **Computer Science:** Data Structures, Computer Architecture, Mobile App Development, Virtual Reality & Game Design, Independent Study in Artificial Intelligence
- **Mathematics:** Discrete Math I, Discrete Math II, Linear Algebra, Multivariable Calculus

EXTRA CURRICULAR ACTIVITIES

- Competed at the international level in the VEX Robotics Competition
- Assisted and supervised the engineering process, robot design, and documentation of six VEX Robotics Competition teams
- Actively sought out sponsors and organized fundraisers to raise money to cover costs of electronics, metal, competitions, and transportation
- Organized events to educate and promote interest in STEM for children across multiple towns