

Vishnu Bindiganavile

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EDUCATION

Purdue University

Bachelor of Sciences in Computer Science

- GPA: 3.81
- Relevant Coursework: CS 240, CS 182, CS 38003, STAT 190

West Lafayette, IN

Aug. 2021 – May 2025

Bridgewater Raritan High School

Weighted GPA: 4.61

- Relevant Coursework: CS 112 - Data Structures (dual enrollment through Rutgers University), Multivariable Calculus (Calc III), Differential Equations, Linear Algebra

Bridgewater, NJ

Sep. 2017 – June 2021

EXPERIENCE

Software Engineer Intern

Examd

- Used React Native and JavaScript to establish the framework for the mobile porting of an existing React web application to mobile
- Utilized APIs to integrate seamless transfer of data between web and mobile instances of the application
- Developed the wireframes for frontend design and established the project plan to deliver the capabilities

Bridgewater, NJ

July 2021 – Aug. 2021

Programming Team Lead

FIRST FRC Team 303

- Used Java, VSCode, and various FRC robot-specific tools to develop autonomous programs for the robot
- Used C++ and the Nvidia Jetson TX2 for computer vision code that tracked various targets and aided with both user-operated and autonomous robot functionalities
- Taught other team members Java and the FRC-specific library
- Represented the team in the FRC 2021 Season Showcase

Bridgewater, NJ

Sep. 2018 – May 2021

Cashier/Assistant

Golf Range @ Branchburg

- Supported management in receiving and preparing orders for club repairs

Branchburg, NJ

Jun. 2019 – Aug. 2021

Terp Young Scholars

University of Maryland

- PHIL209M: Artificial Intelligence: Brains, Minds, and Machines
- Participated in a 3-week course on the philosophy of artificial intelligence

College Park, MD

Jul. 2020 – Aug. 2020

PROJECTS

Parks and Rec API | *Python, Flask, Heroku, Git, CSV*

Oct. 2021 – Oct. 2021

- Developed a Flask API that returns JSON consisting of quote information from my CSV quotes database
- Deployed the Flask application using Git and Heroku

MyCollegePlanner | *Java, XML, Android Studio*

Apr. 2020 – Oct. 2020

- Developed an Android application using Java, XML, and Android Studio to help users plan their college application process
- Implemented external dependencies to further the functionalities of the application
- Deployed app to the Google Play Store

SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, SQL

Frameworks: React, React Native, Flask, Node.js, Express

Tools: Git, GitHub, Heroku, IntelliJ, VS Code, Visual Studio, Eclipse, Android Studio, Unity

ACHIEVEMENTS

- Graduated in top 5% of graduating class