Pranav Hariharane
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Education

Purdue University, West Lafayette, IN Bachelor of Science in Computer Science and Data Science
MAY 2023
GPA: 3.97/4.00

Technical Skills

- **Completed Courses**: Data Structures and Algorithms | Computer Architecture | Programming in C | Foundations of Computer Science | Python Programming | Linear Algebra | Object-Oriented/Java Programming
- **Programming Languages**: Java, C, Python, R, x86-64 Assembly, HTML, CSS, JavaScript
- **Licenses/Certifications**: Google Garage Fundamentals of Digital Marketing | Google Analytics for Beginners | HarvardX Data Science: R Basics
- **Systems**: Terminal, Visual Studio, Eclipse, Intellij, Xcode, Anaconda-Navigator, Jupyter Notebook, Sublime Text

Course Projects

MIDI Song File Parsing   **May 2020**

Developed a program that parses a MIDI file's contents into structs that hold the song's information

- The program reads in binary data from a MIDI file and converts that data into human-readable information that can be used to play the song on a device
- Implemented the program using C
- The program required efficient use of pointers, memory management, structs, linked lists, binary search trees, functional programming, matrices, and loops

Airport Interface Project   **December 2019**

Created an airport interface that allows users to book tickets to different airlines and provides them with a visible boarding pass if they meet the restrictions

- Implemented the project using Java
- Used Servers for the interaction between the client and the airport interface
- Used GUI's to show a visual demonstration of the user's progress

Individual Projects

Personal Website(http://pranavhariharanewebsite.freevar.com/)   **June 2020**

Developed a simple website that displays my Computer Science/Data Science career related accomplishments, experience, and previous work

- Implemented the website using HTML, CSS, and JavaScript
- The website required the use of many HTML, CSS, and JavaScript elements like divider tags, link tags, style attributes, id attributes, etc.

Work Experience

Camp Counselor for Galileo Camps in Cupertino, CA   **June 2018 - August 2018**

- Inspired kids to build devices that they didn't think they could create
- Helped kids gain the confidence to innovate and be creative

Tennis Coach for YLT in San Jose, CA   **September 2015 - August 2019**

- Taught kids from ages 5-14 how to play their best tennis
- Ensured that they obtained the skills and practice necessary for the game