Robert Yepes

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EDUCATION

Tufts University, Medford/Somerville, MA   May 2024
Bachelor of Science in Computer Science, Cognitive and Brain Science
GPA: 4.0, Dean's List

Relevant courses: Web Programming; Data Structures; Machine Structure and Assembly Language Programming; Discrete Mathematics; Statistics for the Behavioral Sciences

International School Bangkok, Nonthaburi, Thailand   June 2020
High School Diploma, International Baccalaureate Diploma
GPA: 4.5, High Honor Roll; IB Score: 43

TECHNICAL SKILLS

Languages: Proficient in Spanish
Software/Tools: Microsoft Office (Word, Excel, PowerPoint), Google Drive (Docs, Slides, Sheets), R Studio, Github, MongoDB
Programming Languages: C/C++, JavaScript, PHP, R
Other: HTML/CSS, jQuery, Node.js, MySQL, AJAX and Fetch APIs, SQL and NoSQL databases

PROJECTS

Image Compressor, Machine Structure and Assembly Language Programming, Tufts University
- Using C, built a lossy color image compression/decompression program based on JPEG.

Stock Ticker Web App, Web Programming, Tufts University
- Designed a web app that returns a company's stock information given its company name or ticker symbol using a MongoDB (NoSQL) database and Heroku for online deployment.

UM Emulator, Machine Structure and Assembly Language Programming, Tufts University
- Built a C program that emulates the Universal Machine, executing bitpacked instructions contained in a given file.

On Marketing Proposal, Public Relations and Marketing, Tufts University
- Designed and presented a marketing proposal and positioning strategy for the On Cloudrock Edge Raw hiking boot after extensive market research, designed and edited a 30-second accompanying video advertisement.

Splendor Game Simulation, Intro to Computer Science, Tufts University
- Implemented a simulation of the card game Splendor using object-oriented programming with C++.

RPN Calculator, Data Structures, Tufts University
- Designed and implemented a fully functioning Reverse Polish Notation (RPN) calculator using C++.

Personal Website, Personal Project, robertyepes.com
- Designed and coded a resume website from scratch using HTML, CSS, JavaScript, and jQuery.

EXPERIENCE

Undergraduate Teaching Assistant   Fall 2022
CS-0020 Web Programming, Tufts University
- Grade assignments, provide feedback and guidance for students learning the fundamentals of front-end and back-end web programming.