Ramya Prabakar

University of Washington, Seattle · ramyaprabakar01@gmail.com · https://github.com/RamyaPrabakar

Education

University of Washington, Seattle	Seattle, Washington
BS Computer Science, GPA: 4.0	Sep 2020 - Dec 2023 (expected)
Maharishi Vidhya Mandir Senior Secondary School	Chennai, India
Head Girl, Physics Board exam topper, Grade 12 Board exam - 490/500	Jun 2018 - May 2020
Padma Seshadri Bala Bhavan Senior Secondary School	Chennai, India
Debater, School Choir, Grade 10 Board exam - 480/500	Jun 2016 - May 2018

Will be attending Grace Hopper Conference 2021

Skills

Programming Languages:	Javascript, SQL, HTML/CSS, C++, Java, LaTeX
Technologies:	Node.js
Technical Skills:	Web Development, Version Control(GIT)
Current CS Courses:	Data Structures and Parallelism, Software Design and Implementation
Past CS Courses:	Computer Programming I, Computer Programming II, Foundations of Computing I, The Hardware/Software Interface

Projects

To-Do-List *Javascript, Node.js, MySQL, HTML5, CSS3*   https://github.com/RamyaPrabakar/To-Do-List
Created a To-Do-List web application to add, edit, and delete tasks. The application stores and retrieves data from a MySQL database. The backend is implemented using Node.js

Scrabble-API *HTML5, Javascript, Node.js, MySQL*   https://github.com/RamyaPrabakar/Scrabble-API
Created an API for scrabble game which takes letters from the user and returns the best scrabble words (maximum points) that can be made using these letters. This project uses Node.js and MySQL

Tic Tac Toe *Javascript, HTML5, CSS3*   https://github.com/RamyaPrabakar/Tic-Tac-Toe
Created a visual multi-player JavaScript game of tic-tac-toe which can be played on the browser

Rock Paper Scissors *Javascript, HTML5, CSS3*   https://github.com/RamyaPrabakar/Rock-Paper-Scissors
Created a visual Javascript rock paper scissors game played against the computer

Cultural Festival Webpage *HTML5, CSS3*   https://github.com/RamyaPrabakar/Cultural-festival-webpage
Created a webpage for school event - Kalavarshini

Experience

Teaching Assistant   University of Washington, Sep - Dec 2021

- Will be starting my job as a Teaching Assistant for CSE 142 (Intro to Programming course) in Autumn quarter 2021
- Will be attending TA training, staff meetings, community meetings and grading sessions
- Will teach a quiz section for an hour each week where I will help students strengthen their understanding of the concepts taught in class
- Will grade homework assignments and exams. Will host office hours every week to clarify students' doubts

Infosys   Chennai, India - May 2016

- Selected as one of 40 students to attend a two-week training camp on Information Technology, conducted by Infosys Ltd
- Learned the basics of programming using tools like Raptor and Alice. Also learned about artificial intelligence and Big Data
- Attended lectures with hands on sessions on database and programming - Java Script, Python, HTML, Microsoft Access
- Created a pet care portal project using python

Volunteer Experience

Beach cleaning (organized by Environmentalist Foundation of India), Seed ball making (organized by Bhumi NGO), Reading for blind (St. Louis Senior Secondary School for Blind)