

RAMYA PRABAKAR

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

EDUCATION

University of Washington, Seattle

BS Computer Science, GPA: 4.0

Seattle, Washington

Sep 2020 - Dec 2023 (expected)

Maharishi Vidhya Mandir Senior Secondary School

Head Girl, Physics Board exam topper, Grade 12 Board exam - 490/500

Chennai, India

Jun 2018 - May 2020

Padma Seshadri Bala Bhavan Senior Secondary School

Debater, School Choir, Grade 10 Board exam - 480/500

Chennai, India

Jun 2016 - May 2018

SKILLS

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

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

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

Scrabble-API *HTML5, Javascript*

<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

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

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)

ACCOMPLISHMENTS

- Cleared Zonal Informatics Olympiad twice. Was among the top 152 nationally Nov 2018, Nov 2019
- Cleared the qualification round of Google Code Jam Apr 2019
- Chosen for Indian National Mathematics Olympiad twice (cleared regional level) Jan 2018, Jan 2019
- Bronze Medal, Southeast Asian Mathematical Olympiad (India Rank: 60) Jul 2018