

EDUCATION

Stanford University

Bachelor of Science

Stanford, CA

June 2021

Relevant Coursework: Programming Abstractions (C++), Computer Organization and Systems (C) (currently enrolled)

Olathe North High School

Rank 1 of 507

Olathe, KS

May 2017

Relevant Coursework: AP Computer Science A (Java) (Score: 5)

PROJECTS

Personal Website

Website Developer and Designer

<https://arvindvs.github.io/>

December 2017 – present

- Self-learned HTML and CSS online to construct a personal website from scratch.
- Designed website layout and color scheme.
- Continuing to expand web-page and update features.

EXPERIENCE

Git Hub

Beginner Open Source Contributor

<https://github.com/arvindvs>

December 2017 – present

- Contributed math operation functions to an open source project in C++ that implements a new class called BigInt, which serves as an extension of the primitive integer data type.
- Continuing to explore open source projects to contribute to.

Veteran Affairs Medical Center

Student Researcher

4801 E Linwood Blvd, Kansas City, MO 64128

June 2015 – February 2017

- Conducted cell cultures, exosome extraction, Western Blots, Polymerase Chain Reaction, and other analysis techniques to determine the effect of alcohol on tumorigenesis for 2 years.
- Published two articles, a review article and perspective, in scientific journals.
- https://www.researchgate.net/profile/Arvind_Subramanian

Kumon

Math Instructor

13632 S Blackbob Rd #101, Olathe, KS 66062

July 2017 – September 2017

- Individually tutored 20 students at math levels ranging from addition to calculus, developing their ability to reduce a problem down to smaller components.
- Worked 10-15 hours a week.

Activities

Stanford Bhangra

Member

Stanford University

October 2017 – present

- Practice 6 hours/week
- Perform at nation-wide college bhangra dance competitions and locally on Stanford campus

Debate

Varsity Debater

Olathe North High School

August 2013 – January 2017

- Competed on the varsity/DCI policy debate circuit in Kansas.
- Qualified for and competed in the Kansas state debate tournament.
- Worked between 8-20 hours/week improving public speaking and argumentation skills.

SKILLS & INTERESTS

Java, C++, (C by Summer 2018), Basic HTML, Cascading Style Sheets (CSS)

Proficient in use of abstract data types, recursion, backtracking recursion, run-time analysis, dynamic memory allocation, graph search algorithms, inheritance, and polymorphism.

AWARDS & ACCOMPLISHMENTS

- Valedictorian – May '17
- State Science Olympiad Champions – April '17, '16, '15
- AIME Qualifier – March '17, '16, '15, '14, '13
- Gold Presidential Service Award – March '17, '16, '15, '14
- National AP Scholar – August '16
- Junior Virtuoso in Classical Guitar – July '16
- Olathe North Varsity Tennis Letter – May '16, '15, '14