

Gaurav Gowda

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EDUCATION:

University of Washington (Seattle, WA)
B.S. in Computer Science
GPA: 4.00 out of 4.00
Class of 2023

Thomas Jefferson High School (Auburn, WA)
High School and IB Diploma Recipient
GPA: 4.00 out of 4.00
Class of 2019

WORK EXPERIENCE

Center for Infectious Disease Research Intern

July 2018 - August 2018

- Researched a cousin strain of Tuberculosis (Mycobacterium smegmatis) and gave a presentation on findings to industry professionals
- Performed gel electrophoresis, pcr reactions, and other techniques used in infectious disease research and learned proper sterile technique

Library Tutoring (Study Zone)

Math Tutor

October 2017 - January 2019

- Tutored students from disadvantaged backgrounds by helping them with their STEM homework
- Helped organize many different activities such as Magic: The Gathering Game Club, Book Giveaway Program, and Anime Club

CLUBS AND ACTIVITIES

North West Nuclear Laboratories

Team Lead and Researcher

April 2016 - May 2019

- Researched an emerging form of cancer radiation therapy called Boron Neutron Capture Therapy (BNCT)
- Created a set of informational videos posted to Youtube on proper Lab Procedure
- Explored the asymmetrical plasma shapes from the Farnsworth-Hirsch Nuclear Fusion Reactor

Math Team

Math competition coordinator

September 2015 - July 2019

- Helped organize competitions and wrote tests for Middle School Competitions
- Placed first at Washington State Mu Alpha Theta Competition in 2018 and 2019 and qualified for the Mu Alpha Theta National Convention in Colorado Springs, CO (2018) and Las Vegas, NV (2019)
- Placed seventh in National Convention in 2018 and ninth in 2019

M.A.T.E and FIRST Robotics

CFO

September 2015 - June 2018

- Raised money from Boeing and Federal Way Public Schools to fund robotics project
- Worked with Technical teammates on developing electrical and mechanical systems within the robot
- Used Solidworks CAD program to model various robot parts, such as the claw and the mainframe in FIRST® robotics

COMMUNITY SERVICE:

Federal Way Youth Commission

Commissioner

December 2016 - June 2018

- Organized activities such as “Don’t Judge a book by its cover” and “Teen Nights at FWCC”
- Provided the youth an outlet for expressing their interests and opinions

National Honor Society

Vice-President

September 2015 - June 2019

- Organized events and community service activities like Giving Tree and Dash point clean-up
- Displayed elements of leadership, citizenship, and character for other members to follow

TECHNICAL SKILLS:

Certification: Microsoft Word and Microsoft Powerpoint
Languages: Java, HTML, CSS, Python, and JavaScript

LEADERSHIP POSITIONS:

- ASB Vice-President
- Community Service President
- National Honor Society Vice-President
- Federal Way Youth Commissioner

HONORS AND AWARDS:

- 1st place Award Washington state science fair in 2017 and 2018
- FWPA Community Service Award
- Macgyver Award 2016 MATE Robotics Competition
- Paul G. Allen School of CS Direct Admit
- Patriot (Best in High School) Award Winner at Thomas Jefferson High School