

GAURAV GOWDA

GAURAV.GOWDA10@GMAIL.COM | (253)-358-6960

EDUCATION

University of Washington
Seattle
B.S. in Computer Science
GPA: 4.00 out of 4.00
Class of 2022

LANGUAGES

- Java (Moderate)
- Python (Moderate)
- JavaScript (Moderate)
- HTML (Beginner)
- CSS (Beginner)

AWARDS

- 1st Place Award at WSSEF (science fair) in 2017, 2018, & 2019
- Macgyver Award 2016 MATE Robotics Competition
- Patriot (Best in High School) Award at Thomas Jefferson High School (C/O 2019)

CERTIFICATIONS

- Microsoft Word
- Microsoft Powerpoint

REFERENCES

CARL GRENINGER

IT Manager @ Microsoft &
President of Northwest Nuclear Labs
cgren@microsoft.com

JASON ABRAM

CS Teacher @ Thomas Jefferson HS
jabram@fwps.org

LAB INTERN

Center for Infectious Disease Research | July 2018 - August 2018

- Researched a cousin strain of **Tuberculosis (M. Smegmatis)** & gave a **presentation** on findings to **industry professionals**
- Performed gel electrophoresis and PCR reactions, while learning proper sterile technique

MATH TUTOR

King Count Library System | October 2017 - January 2019

- Tutored over **50 students from disadvantaged backgrounds** by helping them with their homework in STEM
- Helped organize **6 game events**, **2 anime events**, and **1 Valentine's Day** event for the youth of my community

WORK EXPERIENCE

SUMO-ROBOT

- Created an autonomous robot with 2 line and 1 sonar sensor that pushed other robots out of arena
- Programmed in Python and used Raspberry Pi to connect hardware

RECIPE BOOK

- Created a program to allow my grandmother to store recipes and ingredients for future reference
- Programmed in Java and used a database in Netbeans to store data

FLASHCARDS UNLIMITED

- Created a program to allow students to create & delete flashcards and store them in decks to study for tests
- Programmed in Javascript and used a database to store flashcards

PROJECTS

TEAM LEAD RESEARCHER

North West Nuclear Laboratories | April 2016 - May 2019

- Researched a radiation therapy called Boron Neutron Capture Therapy (BNCT) to **increase chance of survival from brain cancer by 50%**
- Created a set of **10 informational videos posted to Youtube** on proper Lab Procedure

CFO

M.A.T.E and FIRST Robotics | September 2015 - June 2018

- Raised over **\$3000** from Boeing to fund robotics projects
- 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

COMPETITION COORDINATOR

Mu Alpha Theta Math Team | September 2015 - July 2019

- Helped organize **6 Middle School competitions** and wrote **over 20 tests for all competitions**
- Qualified and placed **7th** in National Convention in 2018 and **9th** in 2019

CLUBS AND ACTIVITIES