

# Mehul Joshi

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**Objective:** Secure an entry level computer science tutoring position for the summer of 2019

**Education:** High School Diploma, *North Creek High School* (2015 - 2019)

University of Washington (2019 - Present)

**Accolades/Certifications:**

Date	Accolade	Description
2019	Responsive Web Design Certification	This certification is given to those individuals who have an innate ability to design responsive websites using HTML and CSS
2019	The North Creek High School Outstanding Science Student	This academic award is given to those individuals who have a strong passion for science and express it through a variety of means.
2019	Washington State Honors Award	Outstanding academic achievement for ranking in the top 10 percentile of the Washington State High School Graduating Class of 2019.
2017	AP Scholar	This award is granted to those individuals who receive a 3 or higher on all of their AP exams throughout high school
2016	National Honors Society	This accolade is given to those individuals who maintain above a 3.5 GPA and have over 35 hours of community service

### Projects:

Implemented a spell checker in Java.

- Reads input from a text file and finds and displays the spelling errors.
- Implemented an excel-like spreadsheet in Java.
  - The excel like program mimics basic arithmetic functions: addition, subtraction, multiplication, division, and sorting.
- Implemented a fraction calculator in Java.
  - Visually displays fraction arithmetic while computing user input.
- Implemented a Chess Engine in Java.
  - The Chess Program prevents illegal chess moves and saves user's game sessions.
- Implemented hangman in Python.
  - A rudimentary hangman application that keeps track of guesses and prevents duplicate guesses.
- Implemented modified version of a word game in Python.
  - Prompts users for input and keeps track of the score for a given hand of letters

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- Implemented a random quote generator in Javascript that continuously displays positive message to the user.
- Implemented linear regression in octave.
  - Plots data from a file and finds the least squares regression line using partial derivatives and linear algebra optimization

## Experience:

- Booth Manager **2016-2018:**
  - I led and developed interesting strategies to engage the local fair crowd for the Anand Mela in Redmond Washington. My responsibilities ranged from keeping the booth organized to sell package trips to India for local visitors.
- Link Leader **2017-2018:**
  - My roles as a link leader for North Creek High School were to integrate the incoming freshman and sophomore classes by presenting them with various tours across campus, involving them in school spirit, and incorporating them into the school's traditions.
- Basketball Coach **2016, 2018:**
  - At Home Court, a local basketball training facility, I coached the Elementary and Middle school children on the rules, tips and techniques of playing basketball. During my time at Home Court I learned how to engage a diverse audience.
- Lead designer for a local wooden box company **2016-2018:**
  - I made and sold wooden boxes to my neighbors by pitching raised bed planters for their gardens.
- Paver Designer and Installer **2016-2018:**
  - Worked on landscaping two backyard projects by designing a new layout, format, and transforming the spaces to a more appealing look and easy for maintenance..
- Computer Science Tutor **2016- 2019:**
  - I taught and basic Java to my fellow peers that were taking AP CS A. For this role I did all of my own advertising, planning, and marketing.

## Coursework:

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Coursework	Grades
AP Physics 1	4.0/4.0
AP Calculus AB	4.0/4.0
AP Biology	4.0/4.0
AP Government & Politics	4.0/4.0
CHS Physiology	3.7/4.0
AP Physics 2	4.0/4.0
AP Computer Science A	4.0/4.0

Front-End	Back-End	Other
HTML	Java	Bash
CSS	Python	GIT
Javascript		Microsoft Office
JQuery		
Wordpress		

## Extracurriculars:

North Creek High School's JV basketball team for the 2018 season.

Member of the North Creek TSA Chapter for 2018.