

# Mehul Joshi

## Python and Math Tutor

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### Mehul Joshi

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Washington 98012

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I am a self-directed and motivated student developer with experience working in dynamic environments. I am fluent in Java, Python, and Javascript programming languages.

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### Skills

#### Soft Skills:

- Application design
- Creative self-starter
- Originality
- Fast learner
- Sales expertise

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#### Technical Skills:

Python	Java	Javascript	Miscellaneous
Pandas	Object-Oriented Programming	Node.js	Octave
Numpy	Algorithms	React	Unix
Matplotlib		jQuery	Git
Flask		Plotly	IoT
Dash			Machine Learning
Scikit-learn			

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### Experience

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#### Interactive Math Academy /Python and Math Tutor

06/2019- PRESENT, Bellevue, Washington

Explain python and math concepts in a caring and enthusiastic way to help kids thrive and learn.

#### Self-Employed/ Freelance Computer Science Tutor

09/2016 - PRESENT, Bothell, Washington

Taught basic Java to my fellow peers that were taking AP CS A. For this role I did all of my advertising, planning, and marketing.

#### Self-Employed/ Carpenter and Paver Designer

04/2016 - 07/2018, Bothell, Washington

Utilized my knowledge of carpentry for general construction of a myriad of products. Operated tools, equipment, and machinery according to safety standards.

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## Education

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### North Creek High School / High School Diploma

09/2016 - 06/2019, Bothell, Washington

### University Of Washington

09/2019 - PRESENT, Seattle, Washington

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## Awards + Certifications

Responsive Web Design: (FreeCodeCamp.org)

Javascript Data Structures and Algorithms: (freecodecamp.org)

AP Scholar with Distinction

Outstanding Science Student (North Creek High School)

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## Projects

- Dofleini Chess (<https://github.com/csmjoshi/Chess>):
    - An intuitive way to play chess against a friend, foe, or computer for fun.
  - Digit Recognizer (private repository):
    - Uses today's best computer vision practices to recognize a handwritten digit.
  - Email Classifier (private repository):
    - Uses Support Vector Machines to classify emails as spam or not based on the content, url, and other features.
  - Biblio Search: (<https://github.com/kylemumma/Bibliosearch>):
    - A simple flask app that allows library enthusiasts to find their books easier. This project uses openCV and tesseract for photoOCR.
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## Relevant Coursework

AP Computer Science A, MIT OCW 6.001, MIT OCW 6.006, MIT OCW 6.042J, AP Physics 1, AP Physics 2, AP Literature, AP Calculus AB, AP Biology, AP Government and Politics, AP Language and Composition, CHS Physiology, CHS Neurobiology, Calculus II, and Stanford Machine Learning Coursera.