

# Python For Kiddos

- Dr. Junjie Zhang
- Huaxia Chinese School at Mason, OH

# Python

What is **Python**?



# Python

- A genus of constricting snakes in the Pythonidae family
- Native to the tropics and subtropics of the Eastern Hemisphere.



# Why Python?

- Medicine
- Clothing
- Music Instruments



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# This Course

You will learn

- how to feed a python
- how to babysit a python
- how to train a python



# Course Needs

Ask your parents to buy

- a baby python
- a sturdy cage that fits into your backpack
- some python treats



# By The End of Fall 2023

You will be able to cooler than your friends who have cats or dogs as their pets.



# Questions?

**So,  
you are not an  
animal lover, are  
you?**



# Python

## What is **Python**?

- A programming language among many
  - C/C++, Java, Javascript, Go, and etc.
- But Python is considered as
  - being popular
  - being easier



# Why Programming?

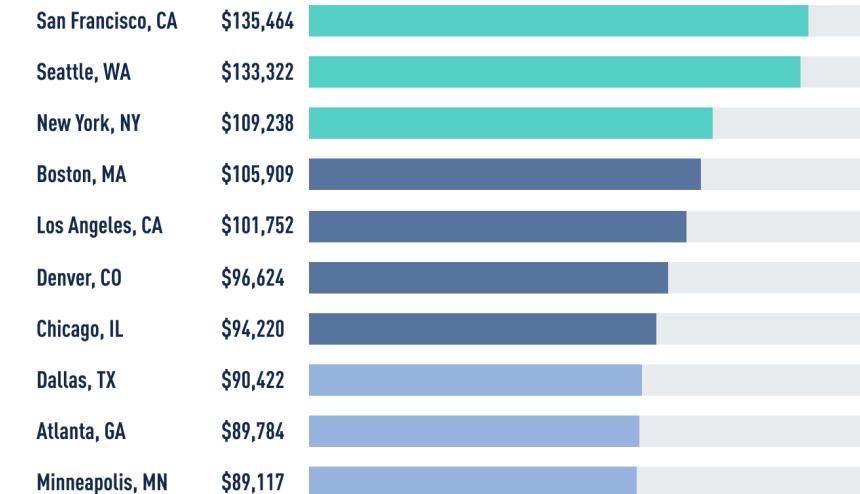
What brings you here?



# Why Programming?

- Getting Richer (Fortune)
- Getting Faster (Automation)
- Getting Smarter (Intelligence)

SOFTWARE ENGINEER SALARIES BY US CITY



CAREERFOUNDRY

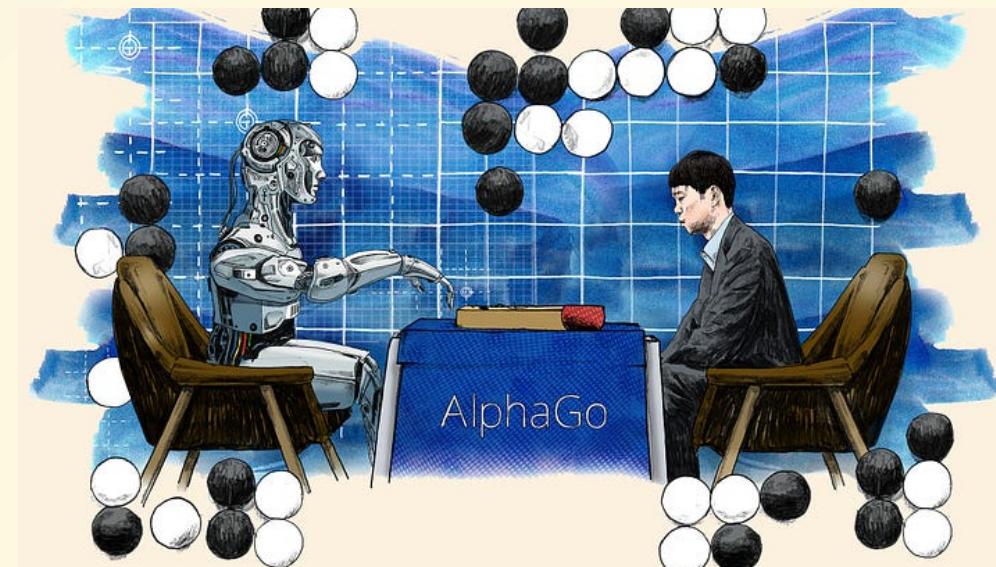
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# Why Programming?

- Getting Richer (Fortune)
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# Why Python?

- High-Level: so you do not need to worry too much about the underlying details.
- Readable: so you can better understand.
- Support: available packages + large developer communities.

# This Course

You will learn

- Python Syntax
- Variables
- Data Types
- Control Structures
- Functions
- Math Applications



# This Course

- goes very slow
- needs your attention
- requires your efforts

what are other  
words for  
hardworking?



diligent, industrious, sedulous,  
assiduous, tireless, busy,  
zealous, persevering, untiring,  
laborious



Thesaurus.plus

# Course Needs

You are in the best field!

- ~\$0 investment
- \$,,, of potential returns

Needs:

- A laptop
- A tablet with a keyboard



# Course Needs

- Make sure you can access this link:
  - <https://www.online-python.com/>

# By The End of Fall 2023

You will be, hopefully,

- more informed about programming,
- more confident about programming,
- more engaged in programming.



# Course Rules

- No drink.
- No food.
- No early leave unless you are picked by your parent.
- No talk unless you are asked to by the instructor or the TA.



# Course Rules

- Keep everything in the classroom, such as desks, chairs, whiteboards, and writings on them, exactly the same as you enter the classroom.
- Your attendance, course participation, and submission of assignments are encouraged but not required or measured - ***it's your own business.***



# Introduce Yourself

- Name
- Grade
- Your programming background
- Why are you here?

# Questions?