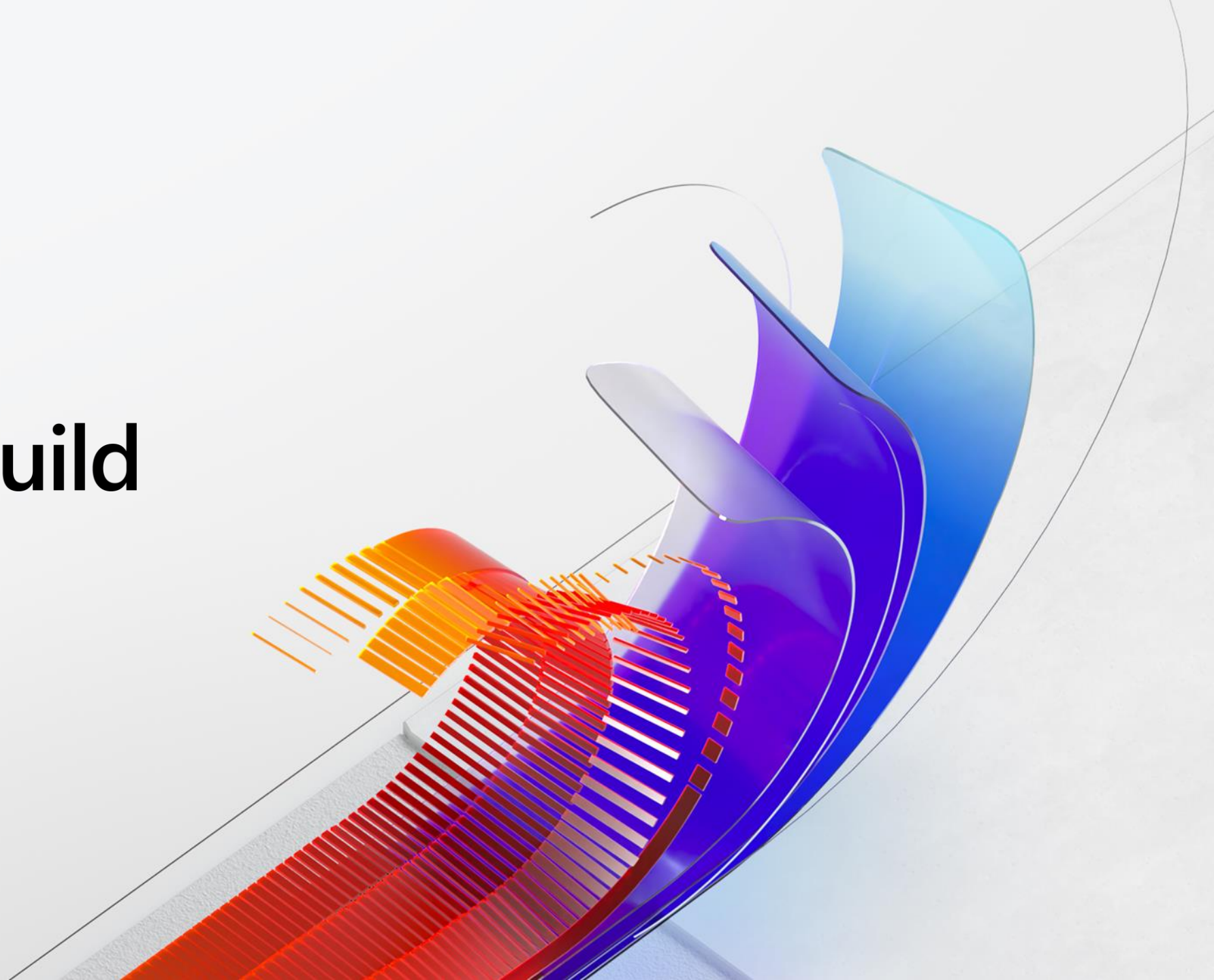


Microsoft Build



Microsoft Code of Conduct

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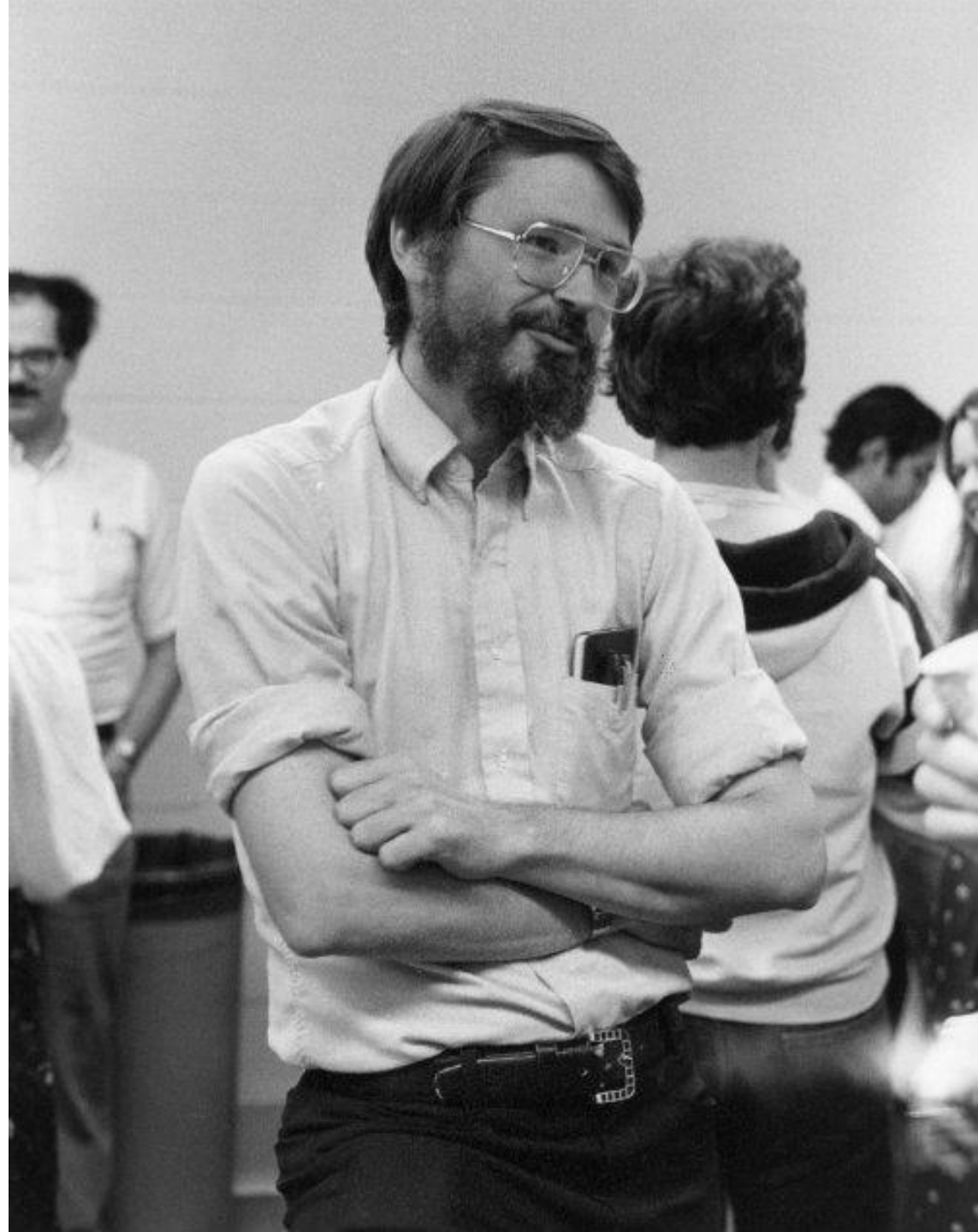


"Hello, world!" in 3 languages

Shana Matthews
Senior Program Manager

```
1 #include <iostream>
2
3 int main(){
4     std::cout << "Hello, World!" << std::endl;
5     return 0;
6 }
```

Why “Hello, world!”?



What we're going to do

“Hello, world!” in:

- Python
- C#
- JavaScript

Hello, Python!

Hello, C#!

Hello, JavaScript!

Rosetta Code

<http://rosettacode.org>

Language comparison

Language	Primary usage	Compiled vs. scripting	Syntax	Key benefits
Python	<ul style="list-style-type: none">• Data• Prototyping• Web backend	Scripting	Whitespace matters	<ul style="list-style-type: none">• Readability• Libraries• Community
JavaScript	<ul style="list-style-type: none">• Web frontend and backend	Scripting	Quirky	<ul style="list-style-type: none">• Speed• Versatile and interoperable
C#	<ul style="list-style-type: none">• Application development• General purpose	Compiled	Strict rules	<ul style="list-style-type: none">• Mature and stable• Powerful debugging



EXPLORER

OPEN EDITORS

× helloworld.lol

LOLCODE

helloworld.lol



OUTLINE

MAVEN PROJECTS

helloworld.lol ×



```
1  HAI
2  CAN HAS STDIO?
3  VISIBLE "Hello world!"
4  KTHXBYE
5
6
```

Repl.it

<https://repl.it/>

REPL = Read—Evaluate—Print loop

What next?



Microsoft student resources can be found at the GitHub repository for further learning opportunities.

aka.ms/StudentsAtBuild



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