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So You Want To Be A Developer?

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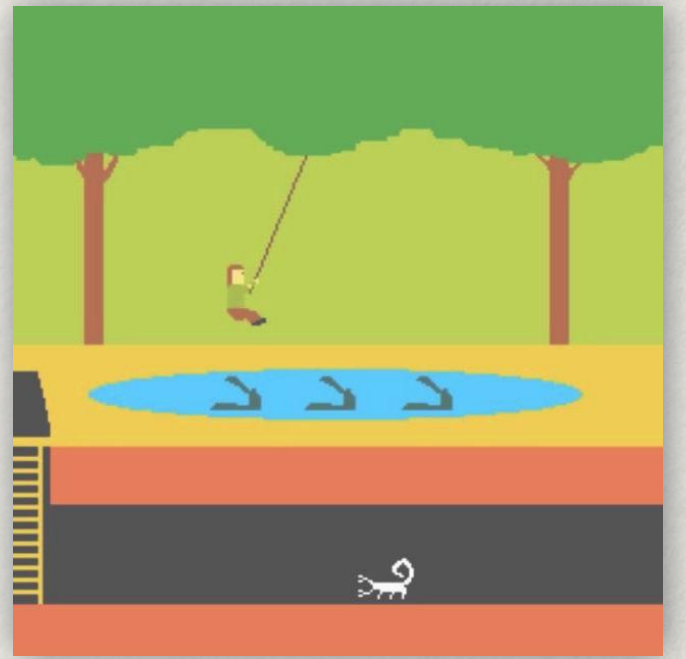
Patrick Connelly

Principal Software Engineer

> You’re not a real developer unless you …

Common Pitfalls

- Developers only code in X language
- Developers have to spend Y amount of their time coding
- Development is a talent and can’t be learned



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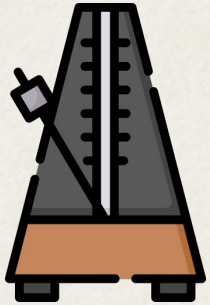
1 Learn The Lingo

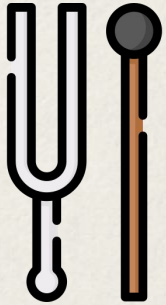
Speak like a developer

Fundamentals

Learn the fundamentals

- Common terms
- How they work





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The Right Tool For The Right Job

Pick the right language

- Find one similar to your target
- Easier to move inside the same language

Language Families

Imperative

- Fortran
- C
- Lisp
- PHP
- JavaScript
- Python

Object-Oriented

- Java
- Apex
- C++
- C#
- VBScript
- Python

Steps To Be A Developer

1. Learn the Lingo
2. …
3. Profit!

Steps To Be A Developer

1. Learn the Lingo
2. Find a Project
3. Profit!

2 Find A Project

Give your development meaning

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A Project, A Project, My Kingdom For A Project

Start Simple

- Do something personal
- Find a problem that you can solve
- Take small steps

Don’t be afraid to solve it and then come back and solve it better.

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Perfection is the enemy of progress

~ Winston Churchill

Project Ideas

- Personal website
- Open-source contribution
- Repeated daily tasks
- Home automation
- Community work

3 Find A Mentor

Practice makes permanent, not perfect

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Thank You!