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# Pairing, Sharing, Caring

One team's journey to Pair Programming

PHP London - 9th March 2023

Mark Bradley

Senior Consulting Software Engineer @ Armakuni

@braddle

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# About me

Software Engineering Consultant for Armakuni

Cyclist, Photographer & Board Gamer

Test Driven Development

[youtube.com/c/TestingAllTheThings](https://youtube.com/c/TestingAllTheThings)

Twitter

[twitter.com/braddle](https://twitter.com/braddle)

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# Extreme Programming

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# What is Pair Programming?

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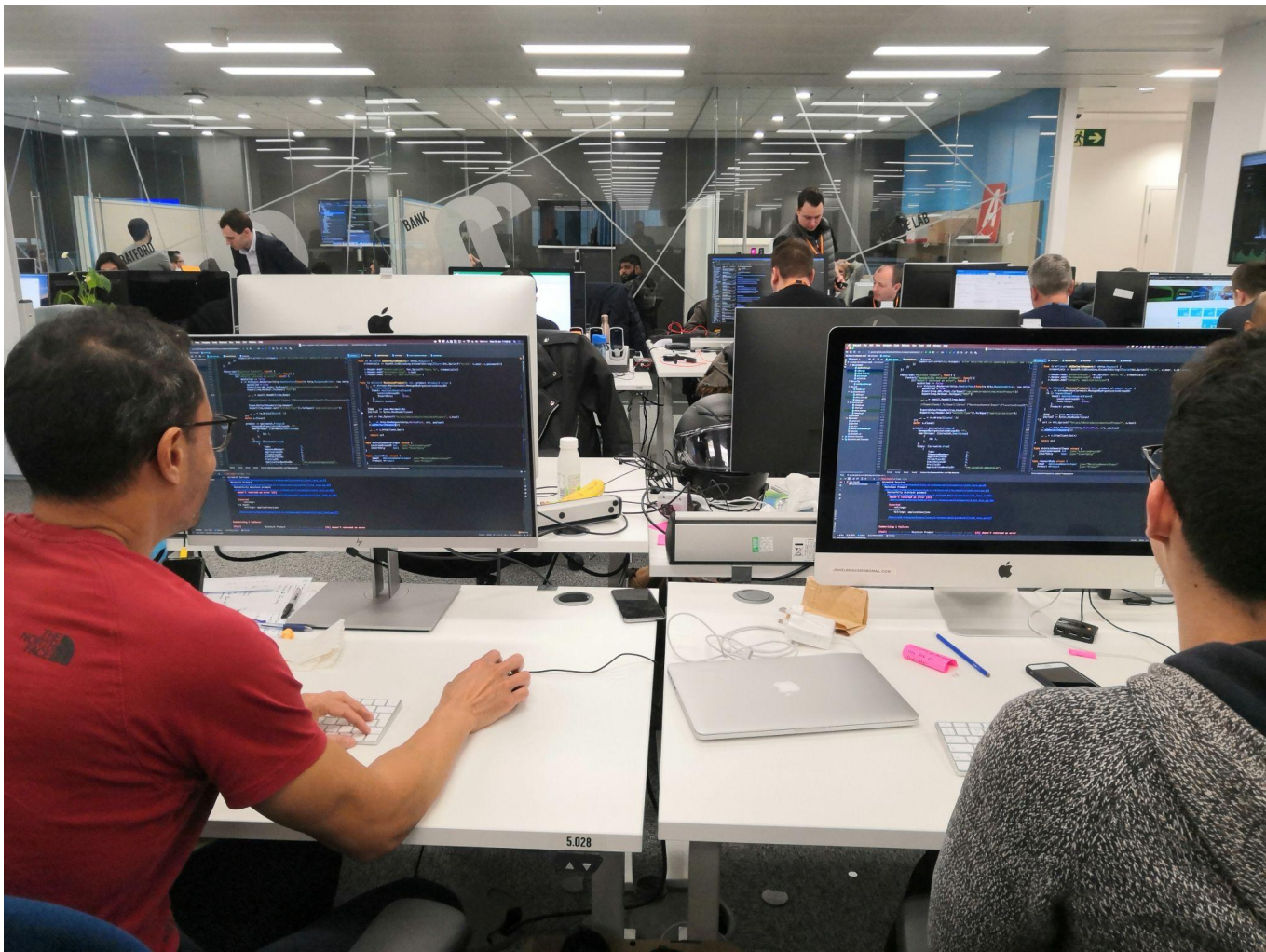
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# What is it not



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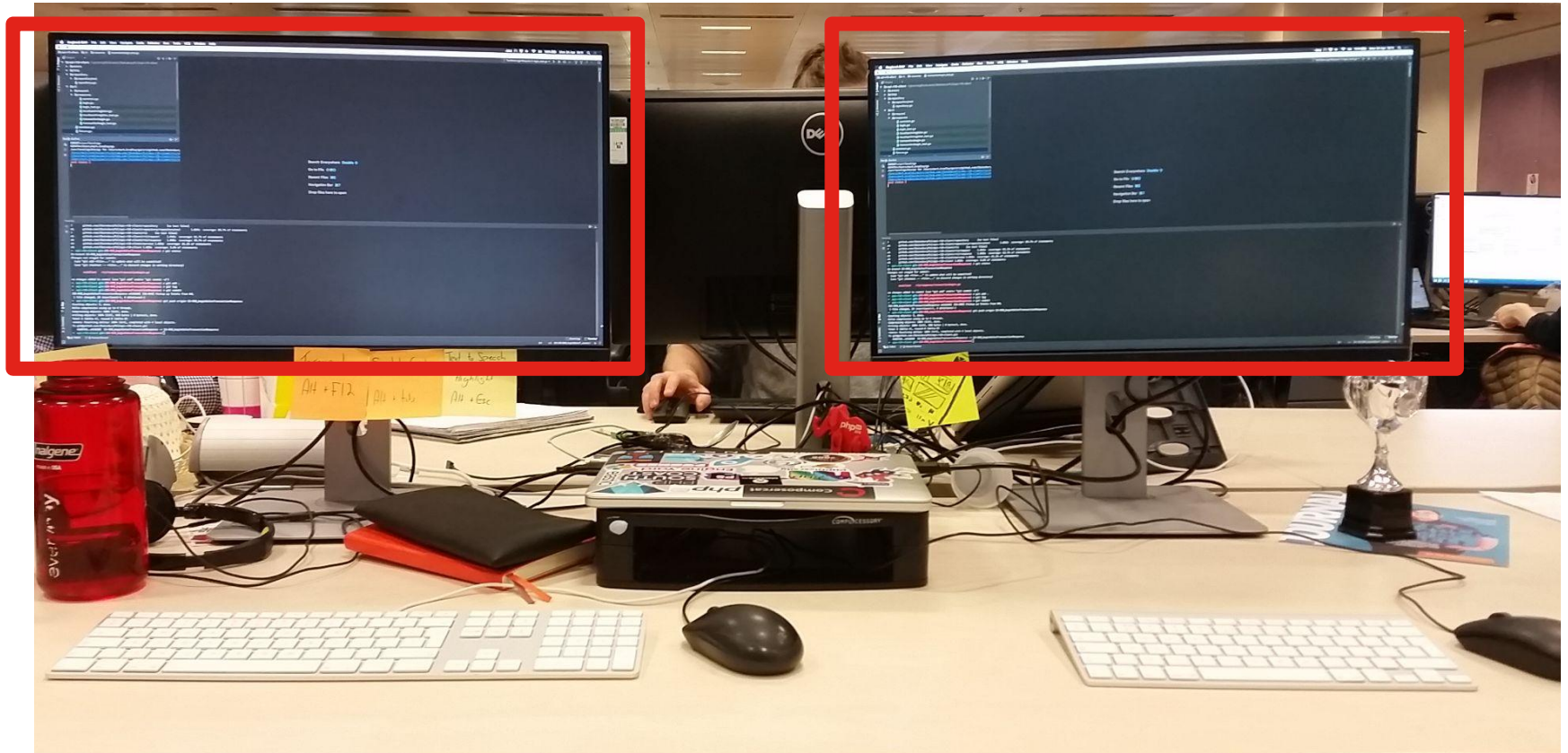
# Two People, One Task



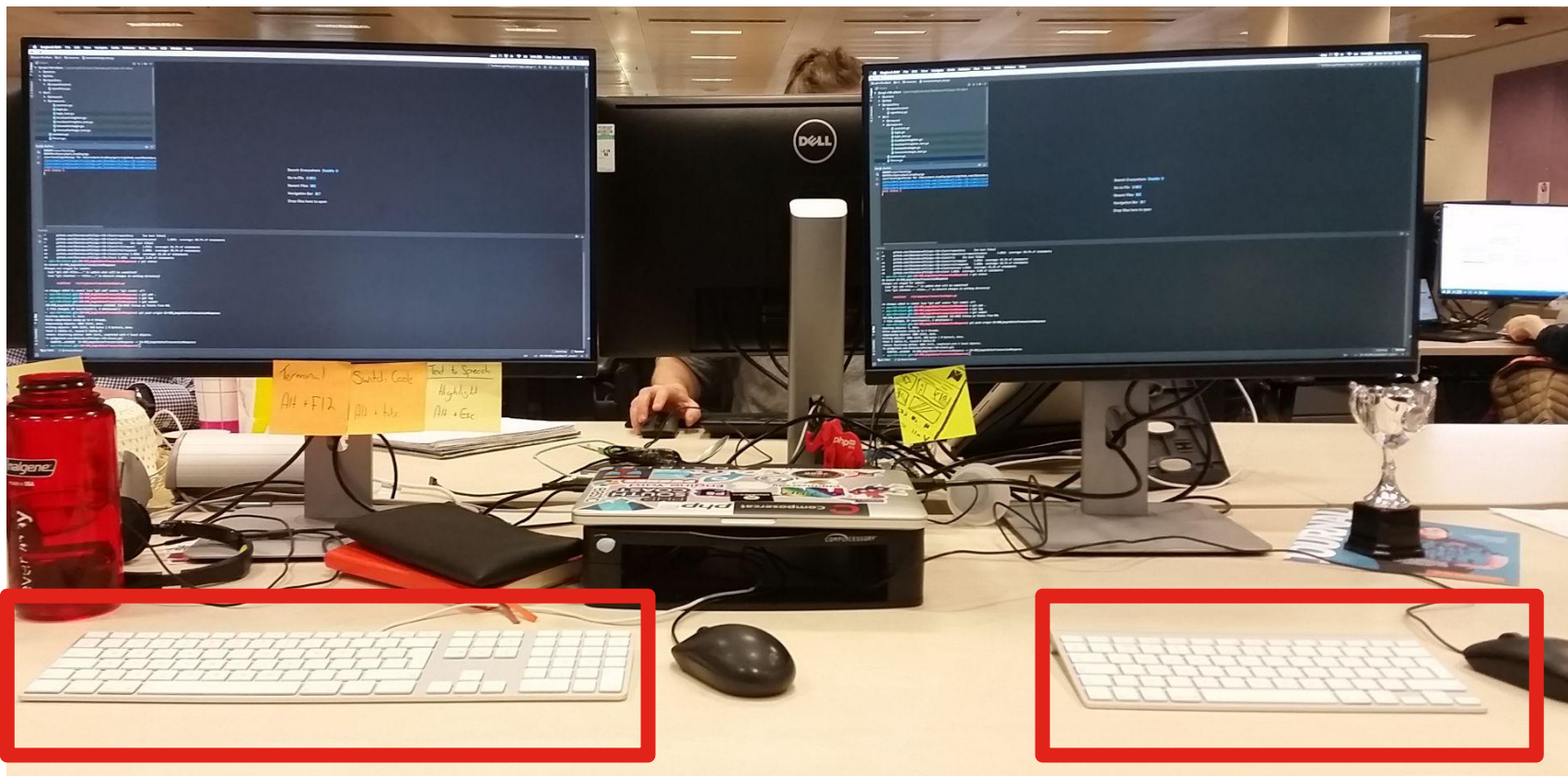
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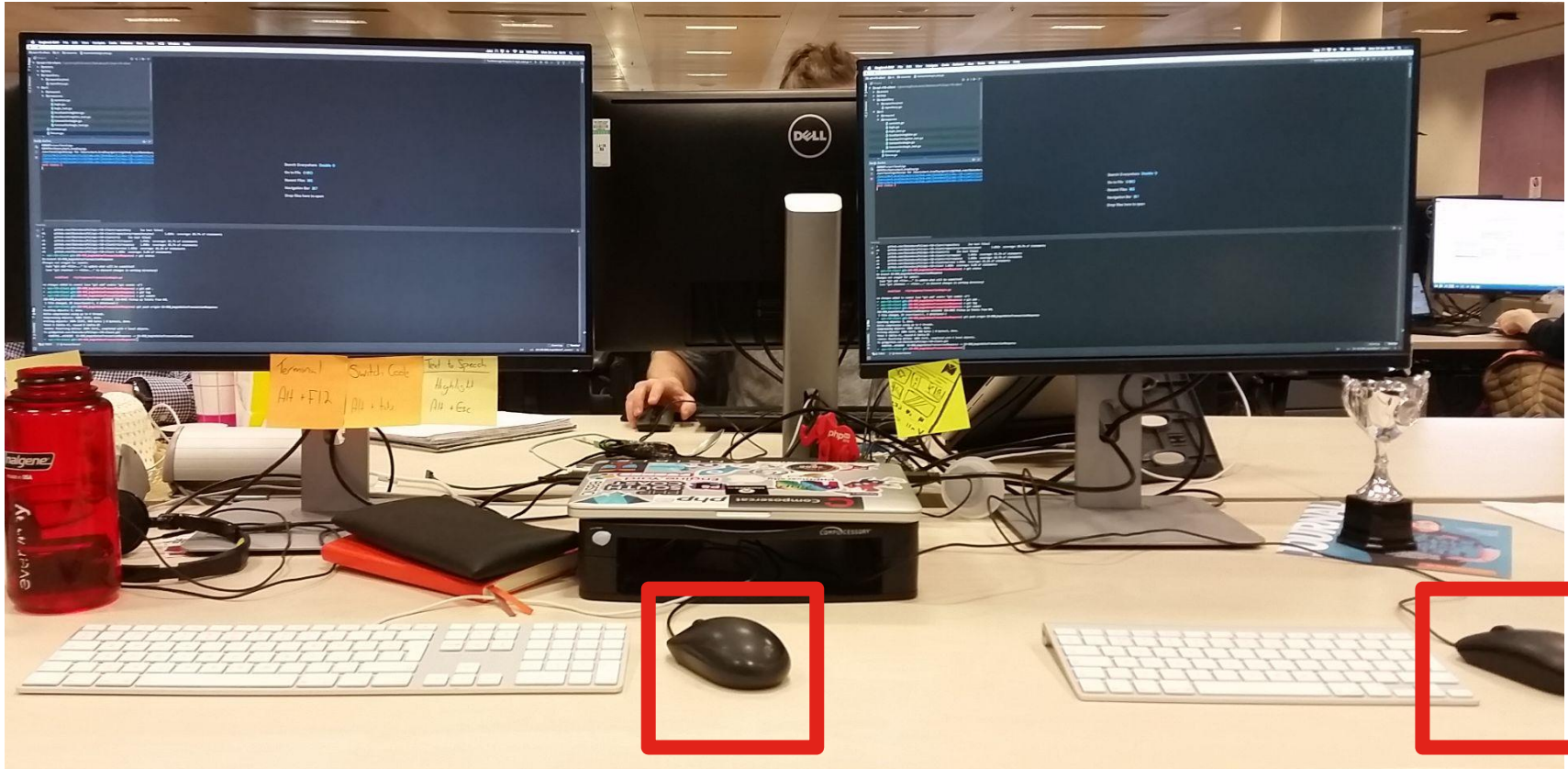




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**A long time ago...**

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Product Owner

  
  
Android Dev



In 1996 we launched  
our recycling partnership  
with Oxfam



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# Two heads are better than one

An Introduction to Pair Programming

A Corporate Away Day - A long time ago

Mark Bradley

Principal Software Engineer @ Some Big Company

@braddle

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# Testing All The Things

An Introduction to TDD

A Corporate Away Day - A long time ago

Mark Bradley

Principal Software Engineer @ Some Big Company

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# Don't Forget to Stretch

An Introduction to Agile

A Corporate Away Day - A long time ago

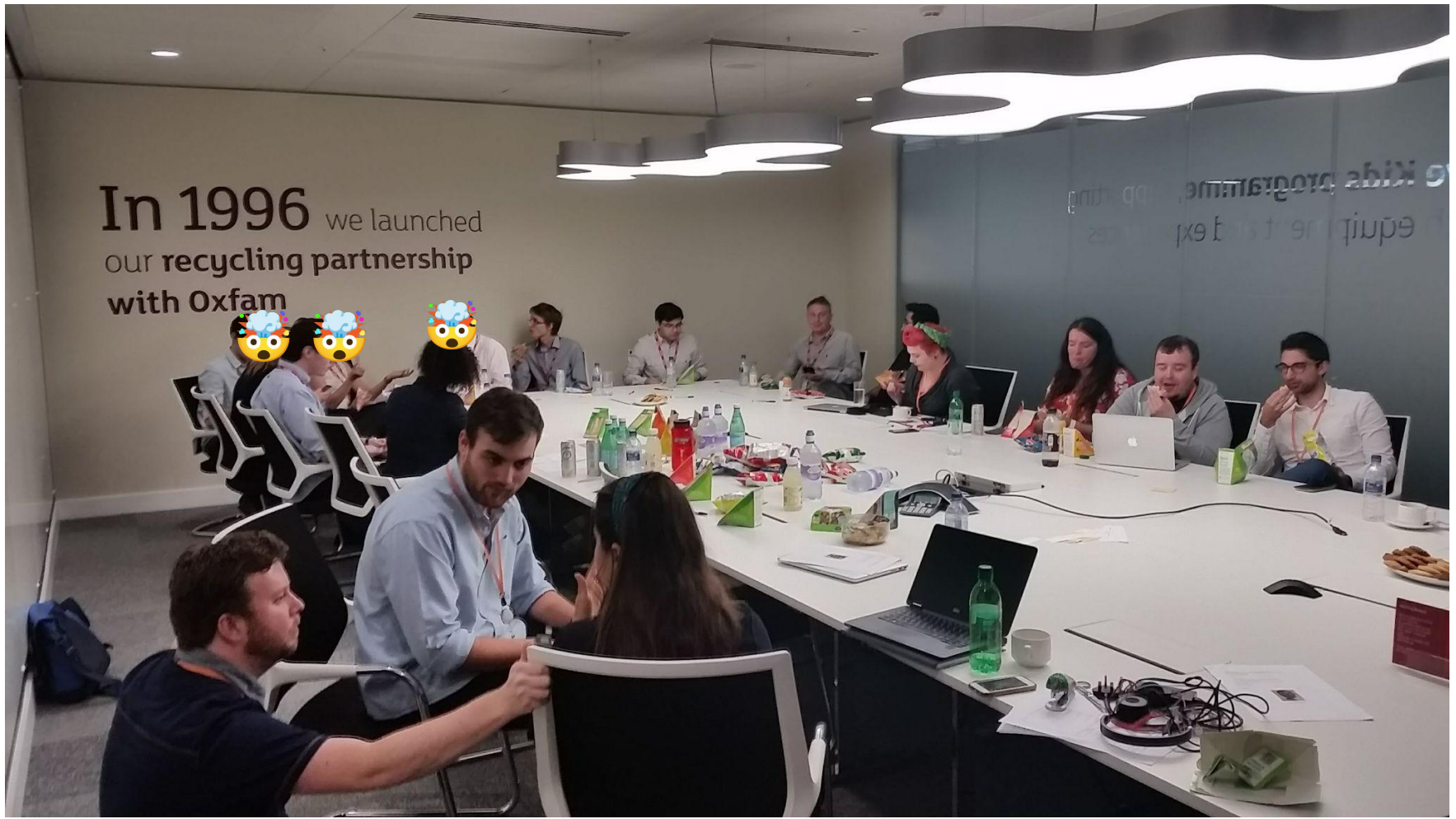
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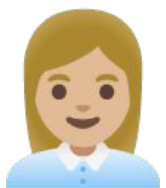


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# The Weekend...





Product Owner

Designer



Agile Coach



Backend Devs

Android Dev

iOS Dev

Add  
wishlist to  
Android  
app

Fix Android  
Checkout  
button bug

Fix Android  
Checkout  
button bug

Make the  
warning pop  
show for 20  
seconds

Add post-shop  
feedback  
section to  
Android App

Improve  
Android  
Geolocation

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# Zero to Hero Android Edition

Be ready to create an android app on monday morning

A Corporate Away Day - A long time ago

Mark Bradley

Principal Software Engineer @ Some Big Company

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Add  
wishlist to  
Android  
app

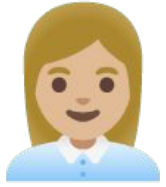
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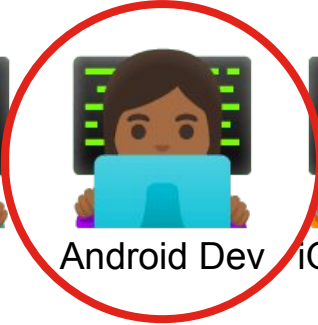


Product Owner

Designer



Agile Coach



Backend Devs

Android Dev

iOS Dev



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# How can you help the Android Dev deliver these tickets?





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# Why Pair Programme?

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# Cross Product Knowledge

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# Code Quality

More Sustainable code

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# Focus

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# Learning & Development



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# Why Pair Programming?

Share knowledge across the product

Increase code quality

Learning & development

Focus

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**Let's Return to our story...**

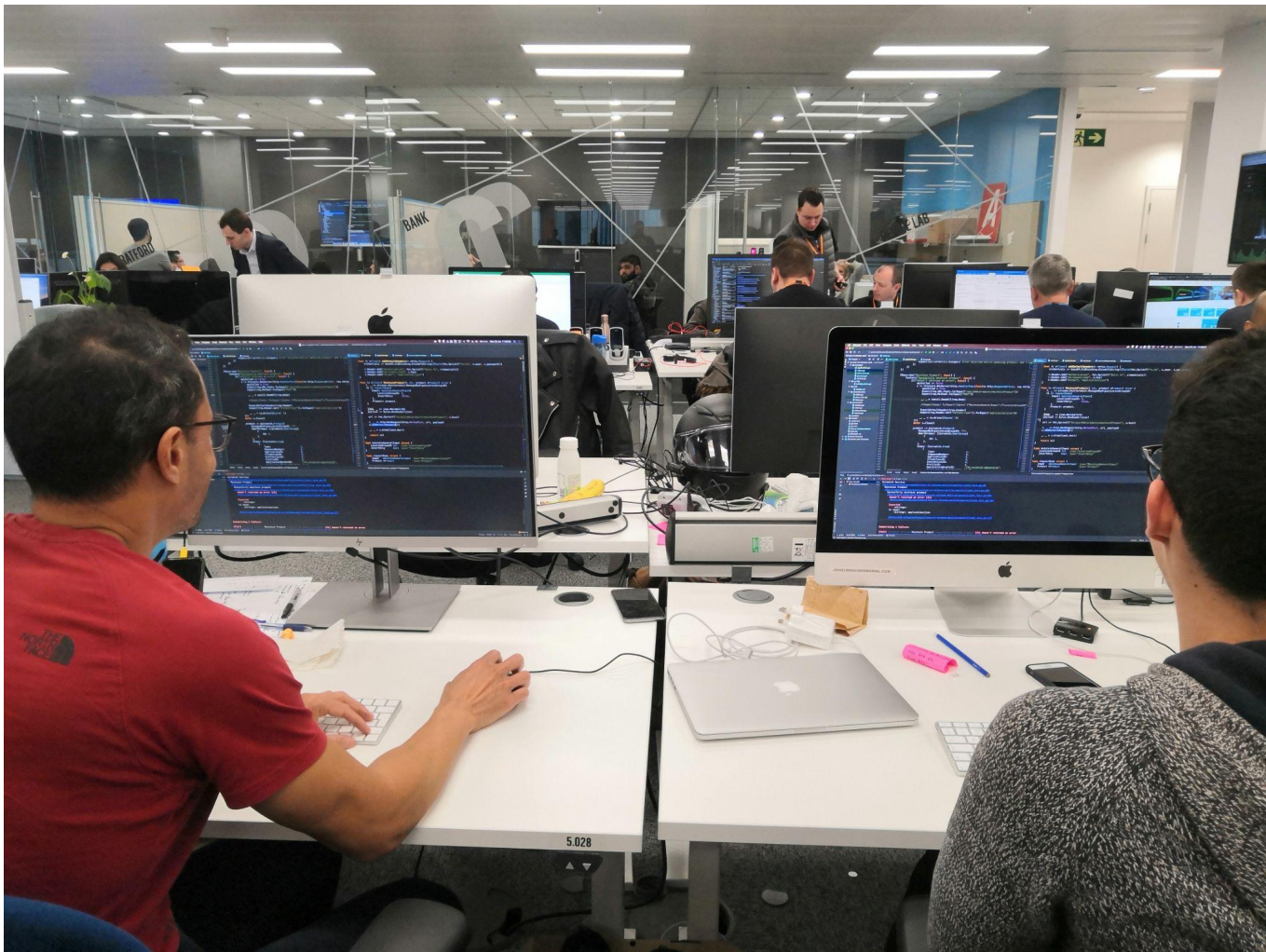
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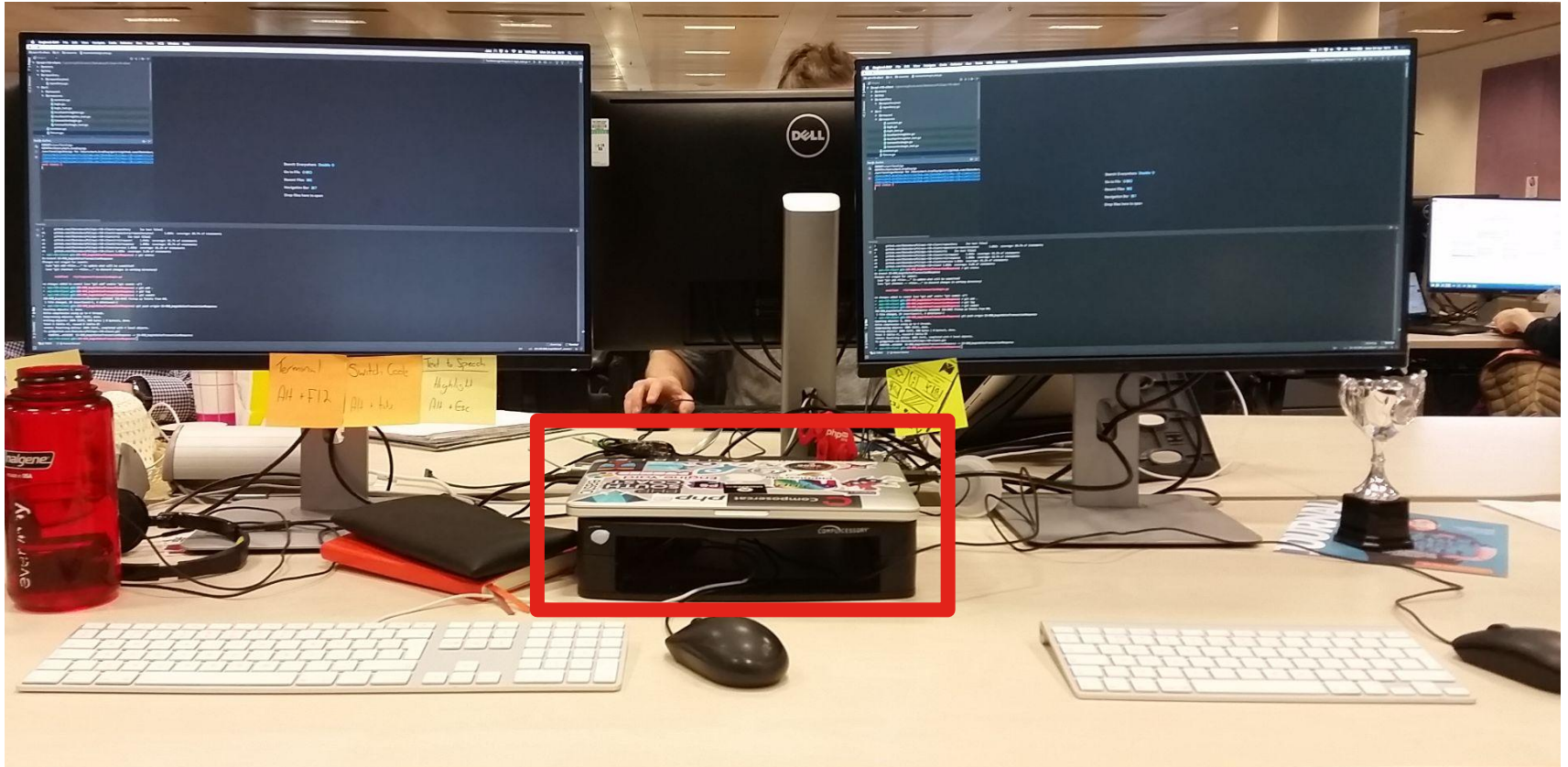
# Just Backend Developers

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# Occasionally



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# Slowly grow Community

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**No PRs!**



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# Introducing TDD to Android

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# Team wanted to move to Cross-Functional Pairing

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# Sharing, Pairing, Caring

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# The End...

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# Types of Pairing

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# Driver - Navigation



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# Ping-Pong

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# Ping-Pong

1. Write a failing test
2. Switch Driver
3. Make test pass
4. Return to 1



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# Backseat Driver

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# Tour Guide

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# Benefits of Pair Programme?

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**It's Fun!**

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# Tight Knit Team

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**Easier for Managers /  
Staff+ Devs to contribute**

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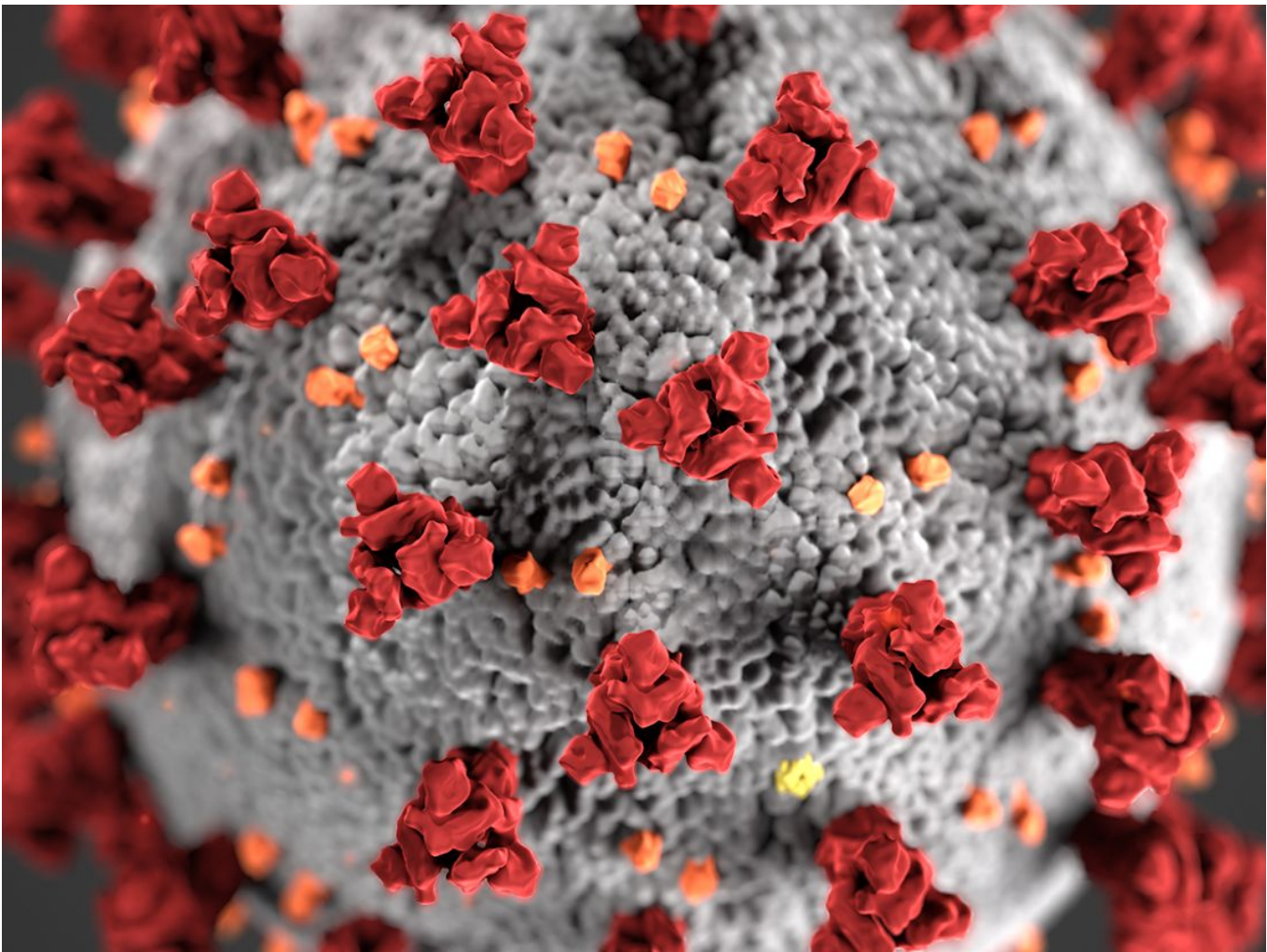
# Holiday

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**A Few years ago...**

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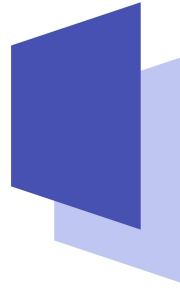
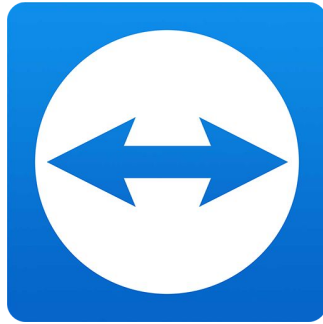
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# Remote Pairing

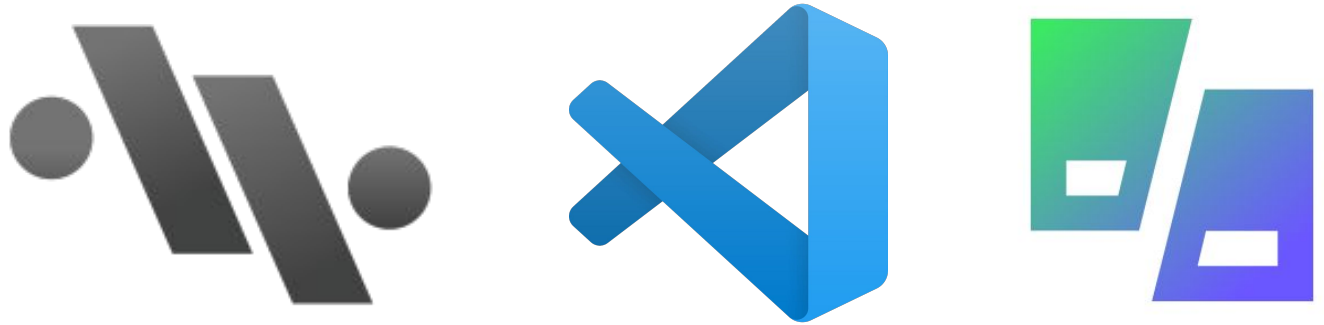
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# Remote Pairing



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# Remote Pairing



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# Tips

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# Rotate



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# Be Patient

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# Be Chatty

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# Take Breaks

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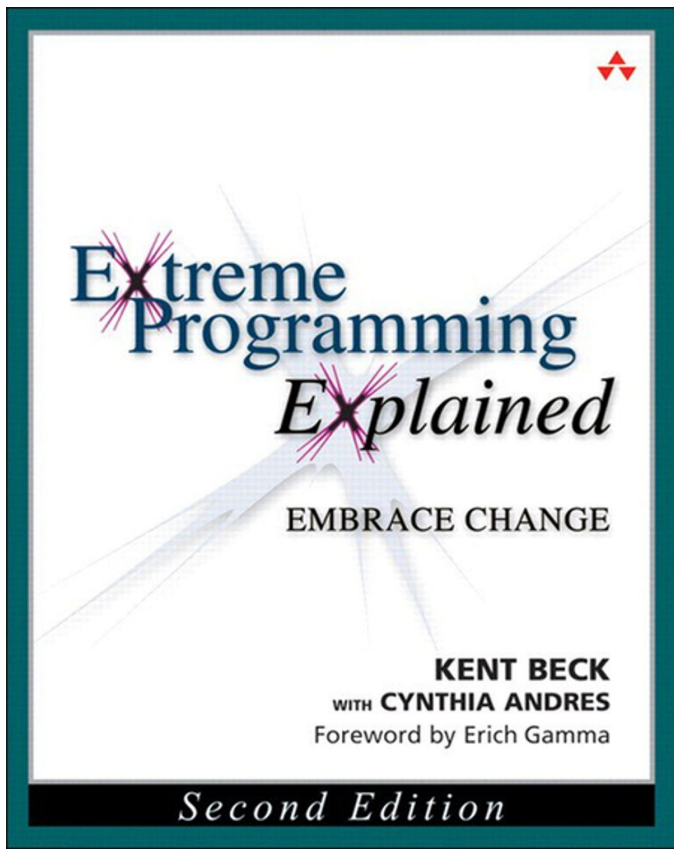
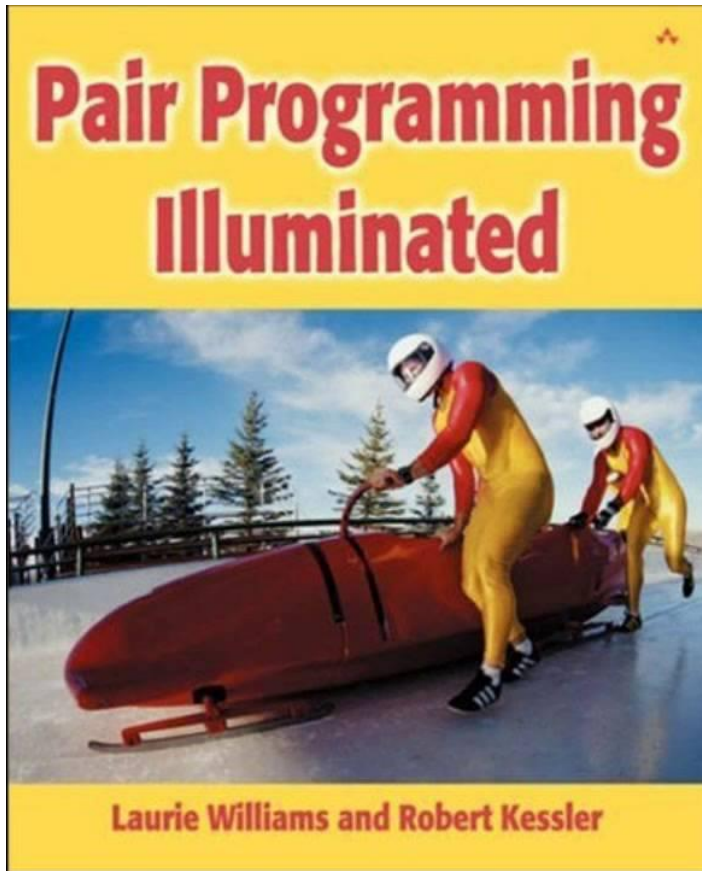
# Get a Fidget Toy

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# Laptops Away

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# No Garlic Bread / Fish Sauce



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# Questions

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# Feedback

Twitter: @braddle

Email: [braddle@gmail.com](mailto:braddle@gmail.com)

Slide Deck: [Link]

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**Thank you**