Technical Communication in Practice

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Software Engineer, Google for Education

TODAY

- My background
- My workflow + communication in the field
- Q & A + Discussion

These thoughts are my own, and not necessarily representative of Google's.

BACKGROUND

Before Google

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2013-2014
Application Developer
Nahan Printing - St. Cloud, MN
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2014-2015 Application Developer Zirous - Des Moines, IA

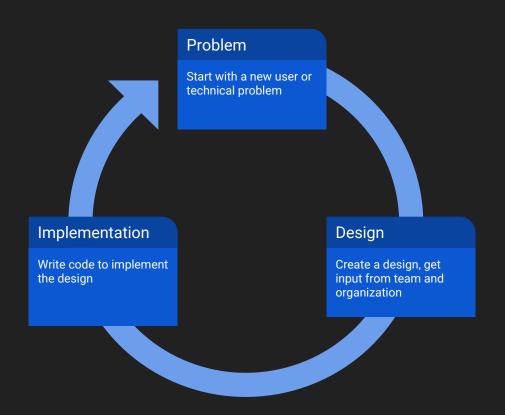
BACKGROUND

At Google

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2015-2017
Software Engineer
Legal Works - NYC
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2017-Present
Software Engineer
Google for Education - NYC

DEVELOPMENT WORKFLOW



IMPLEMENTATION

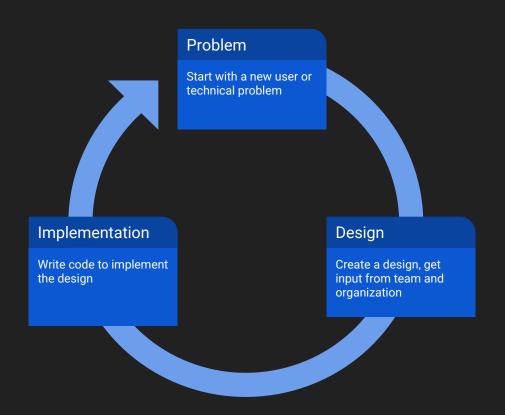
Code

- Consider your future self (or others) reading the code
- Tests are key to communicate what code is supposed to do
- Write code that describes what;
 comments should often be left to describe
 why

Code Review

- Be cautious of suggestions that are just different approaches, but may not be strictly better
- Frame feedback as a question or consideration rather than a command

DEVELOPMENT WORKFLOW



SYSTEM DESIGN

Engineers

Product Managers

Engineering Managers

Product Counsel



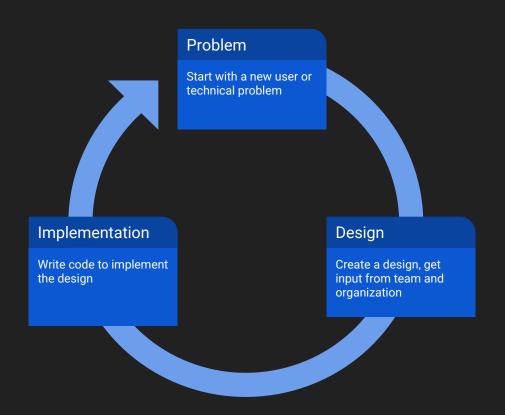
Project Managers

Executive Leadership

Security Engineers

Users

DEVELOPMENT WORKFLOW





IN CS, IT CAN BE HARD TO EXPLAIN THE DIFFERENCE BETWEEN THE EASY AND THE VIRTUALLY IMPOSSIBLE. dual reality. On the one hand, the objective reality of rivers, trees and lions; and on the other hand, the imagined reality of gods, nations and

"Ever since the Cognitive Revolution, Sapiens have thus been living in a

- Yuval Noah Harari, Sapiens: A Brief History of Humankind

corporations. "