

# ChatGPT Survey

## A Programmer's Perspective

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# Outline

- 1 Philosophies and methodologies
- 2 Life cycle of program development
- 3 Prototype
- 4 Debug
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# Philosophies and Methodologies

- Philosophies: Two Views
  - Lifecycle of a Python Project
- Methodologies: Master ChatGPT

# Lifecycle of a Python project

- 1 Requirements analysis
- 2 Design and architecture
- 3 Environment setup
- 4 Develop
- 5 Test
- 6 Code review
- 7 Debug and optimize
- 8 Deploy and maintain
- 9 Document

- Prototype and Example
- Debug
- Code Review: Styles, Documentation, Comments
- Resources and Knowledge Database
- Roadmap
- Project plan
- Tools, utils, libraries and softwares
- Code [1]

# Prototype



# References I

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