**DOCUMENT ANALYSIS**



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| **TYPE** | YouTube video -- [Code a Discord Bot with Python - Host for Free in the Cloud](https://www.youtube.com/watch?v=SPTfmiYiuok&t=1208s) |
| **DATE PUBLISHED** | December 15, 2020 |
| **AUTHOR OR CREATOR** | This course was developed by Beau Carnes of freeCodeAcademy.org. |
| **INTENDED AUDIENCE** | This video was created as a tutorial for beginning programmers. |
| **REQUIREMENTS INFORMATION GATHERED** | 1. Python server code for bot: <https://gist.github.com/beaucarnes/51ec37412ab181a2e3fd320ee474b671> 2. Full code on Replit: <https://replit.com/@BeauCarnes/Encourage-Bot> 3. Choose a Discord server of which you are admin to deploy the bot (DBG) 4. Create a bot user through the Discord developer portal 5. Sign up and start a Python project on Replit 6. Code a basic bot to:  * Log on to discord client * Never respond to its own server messages * Respond to server members typing “$hello” with “Hello!”  1. Improve the bot by coding:  * Connection between bot to API with quotes (zenquotes.io) * A response of a random quote when server members type “$inspire” * Custom responses to a list of sad words * A database to save custom server member messages for the bot to use when responding to the sad word list  1. Create a webserver for the bot and connect uptime robot to keep bot online |

