

System Manual

- **Minimum hardware and software requirements**

- Any computer capable of installing and running Python version 3.6+
- Operating systems: Windows 10, Windows 7, MacOS 10.14+, Linux

- **Installation guide**

- Download and install Python version 3.6+ on your system at <https://www.python.org/downloads/>
- Once Python is installed onto your system make sure that Python is added to your PATH environment variables in order to run Python files from your terminal Cmd (windows) and bash/zsh (MacOS & Linux based systems).
- Install the latest version of Pygame onto your system using Python's pip tool. (Windows: pip install pygame) and (MacOS & Linux: pip3 install pygame). For MacOS/Linux use the development version replace "pygame" with "pygame==2.0.0.dev6" or newer
- Download latest version of Git onto your system. You can download the newest version of Git at <https://git-scm.com/downloads>
- Sign into or create a GitHub account and clone the repo at <https://github.com/Kdhngoa/rogue-robot-rambo> onto your local machine. Either ssh or https is fine
- Using your terminal, navigate to the src/ directory inside the local repo and run the game using "python3 main.py"

- **Troubleshooting**

- Issues for Mac/Linux users:
 - If a blank window pops up after running "python3 main.py", trying using the newer development version of Pygame by uninstalling the current version using "pip3 uninstall pygame" followed by reinstalling using "pip3 install pygame==2.0.0.dev6"
 - For Mac: If game runs at abnormally slow fps (normally should be at about 60 fps), try running the game using "python3 main.py", right-clicking on the game icon, clicking on "Get Info", and checking "Open in Low Resolution" if available
- PyCharm IDE: if source files have error messages under imported methods, make sure to right-click on the src/ directory and mark as source directory
- If blank window pops up after running "python3 main.py", try downgrading python version
 - Ex: If using Python 3.8, downgrade to 3.7 by uninstalling current version and downloading the older version from <https://www.python.org/downloads/>
- Game fonts may be different depending on operating system. You can edit this by adding a custom font into the resources folder, adding its file path to

paths.py, and using Pygame's Font methods in gui.py to change all SysFonts to the custom font.

- **Contact information**

- Developer emails

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