CompSci 401: Cloud Computing
Assignments

Prof. Ítalo Cunha

昆山杜克大学
DUKE KUNSHAN UNIVERSITY

Approaching problems during assignments

- Check tutorials and documentation for tools used in the assignment
  - Smoother learning curve and getting to speed faster
- Try to solve challenges by yourself
  - Consider the feedback from the tool (e.g., errors, exceptions, stack traces)
  - Search for solutions online (e.g., Stack Overflow)
  - Ask on Q&A forum
  - Seek help during office hours

Online discussions

- Discussion forum for a learning community

- Describe your approach and what you have tried *first*

- Contribute good *questions* and answers
  - Seek to understand the fundaments behind a problem instead of just the solution

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- Learn how to approach problems on your own
  - Checking documentation
  - Exploring alternatives
- Learn the basics of new tools

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These are skills you can *learn*

Take good care of your credentials

- Never hardcode credentials or include them in documentation
    - Passwords
    - API keys

- Never commit credentials to GitHub or other public repositories
    - Extra care with configuration files hardcoding credentials
    - Private keys or certificates

- Git keeps history, need extra work to [remove credentials after commit](#)

- People actively [scan for these vulnerabilities](#)

Development

- Setting up your development environment helps in the long term
  - Visual Studio Code with the Remote SSH extension works well
- Please do not commit code to *public* Git repositories