



**University of Dayton**

**Department of Computer Science**

CPS 475/575

Secure Application Development

# Lecture 2 – Development Environment Setup

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1/16/2020

# Reminder: Homework – Preparation for Lab 0

- Download and install VirtualBox 6.1 in your laptop
  - <https://www.virtualbox.org/>
- Download the SEEDUbuntu16.04.zip file from [http://www.cis.syr.edu/~wedu/seed/lab\\_env.html](http://www.cis.syr.edu/~wedu/seed/lab_env.html)
  - Direct link: <http://bit.ly/SEEDUbuntu>
    - Save and unzip in your laptop in a permanent directory
- Load the unzipped to VirtualBox. Follow the instructions here: <http://bit.ly/SEEDUbuntu-setup>
  - After this step, you are ready to run the virtual machine, see the instruction here for login information: <http://bit.ly/SEEDUbuntu-guide>
- Create a bitbucket account (<https://bitbucket.org>), if you do not have one

# Agenda

- Introduction to Lab 0
- Setup SEEDUbuntu Virtual Machine
  - Virtual networking setup
- Install and use GIT (bitbucket)
  - Clone a repo
  - Update a repo
  - Clone the course repo
  - Fun with buffer overflow
  - git with SSH (homework – optional)