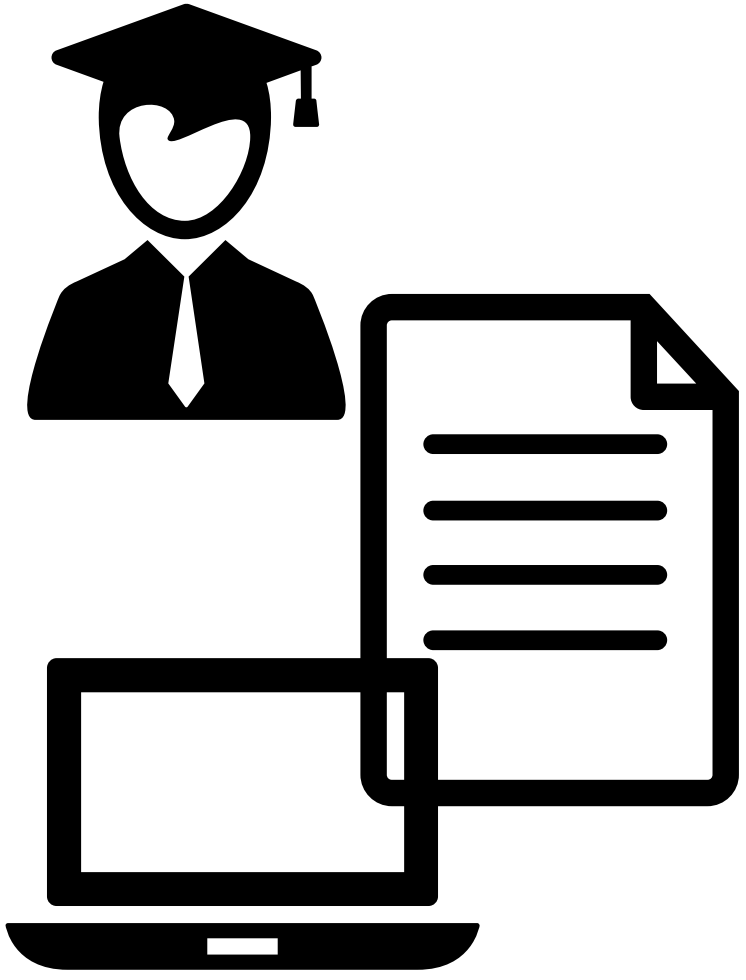

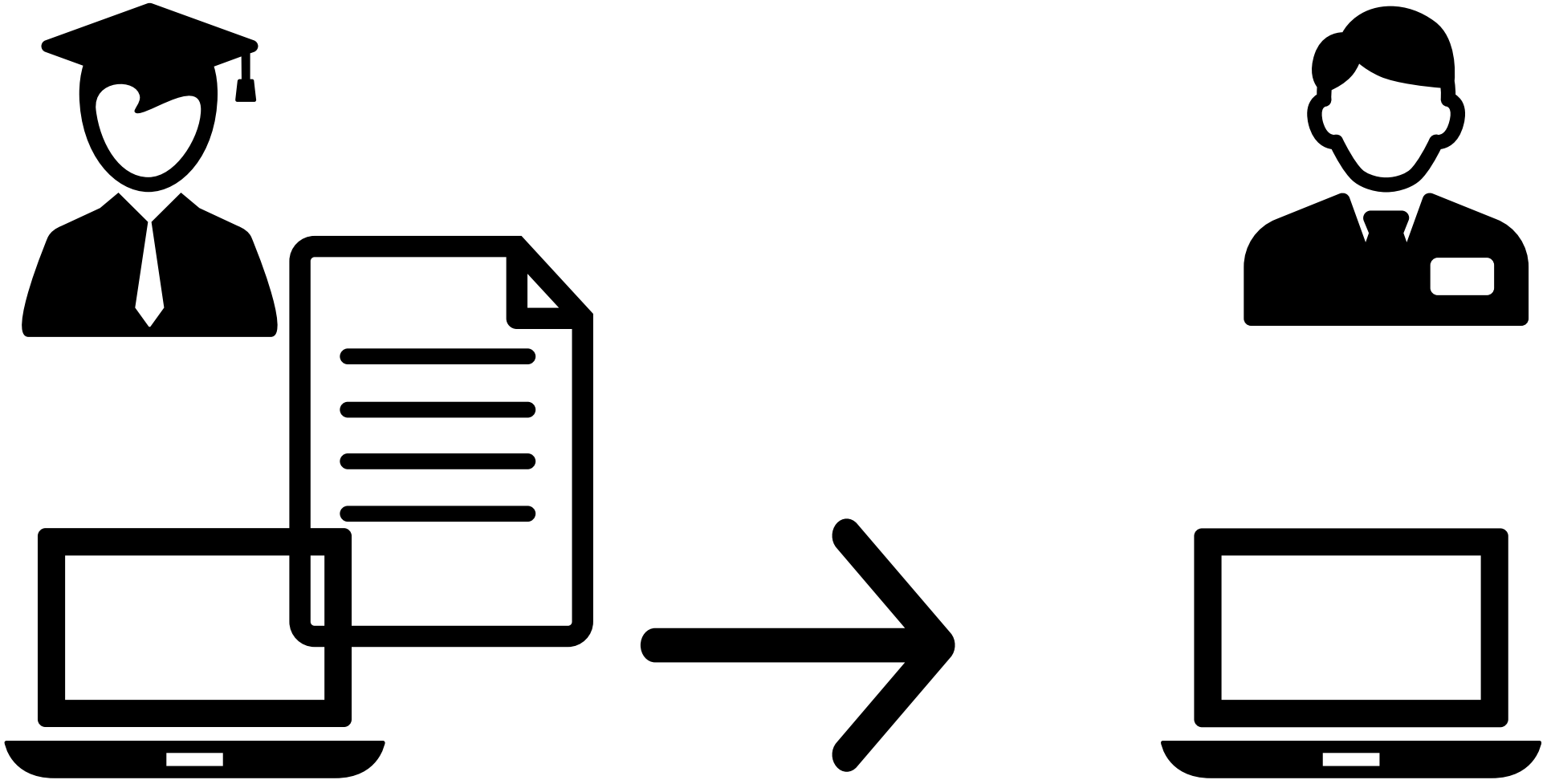

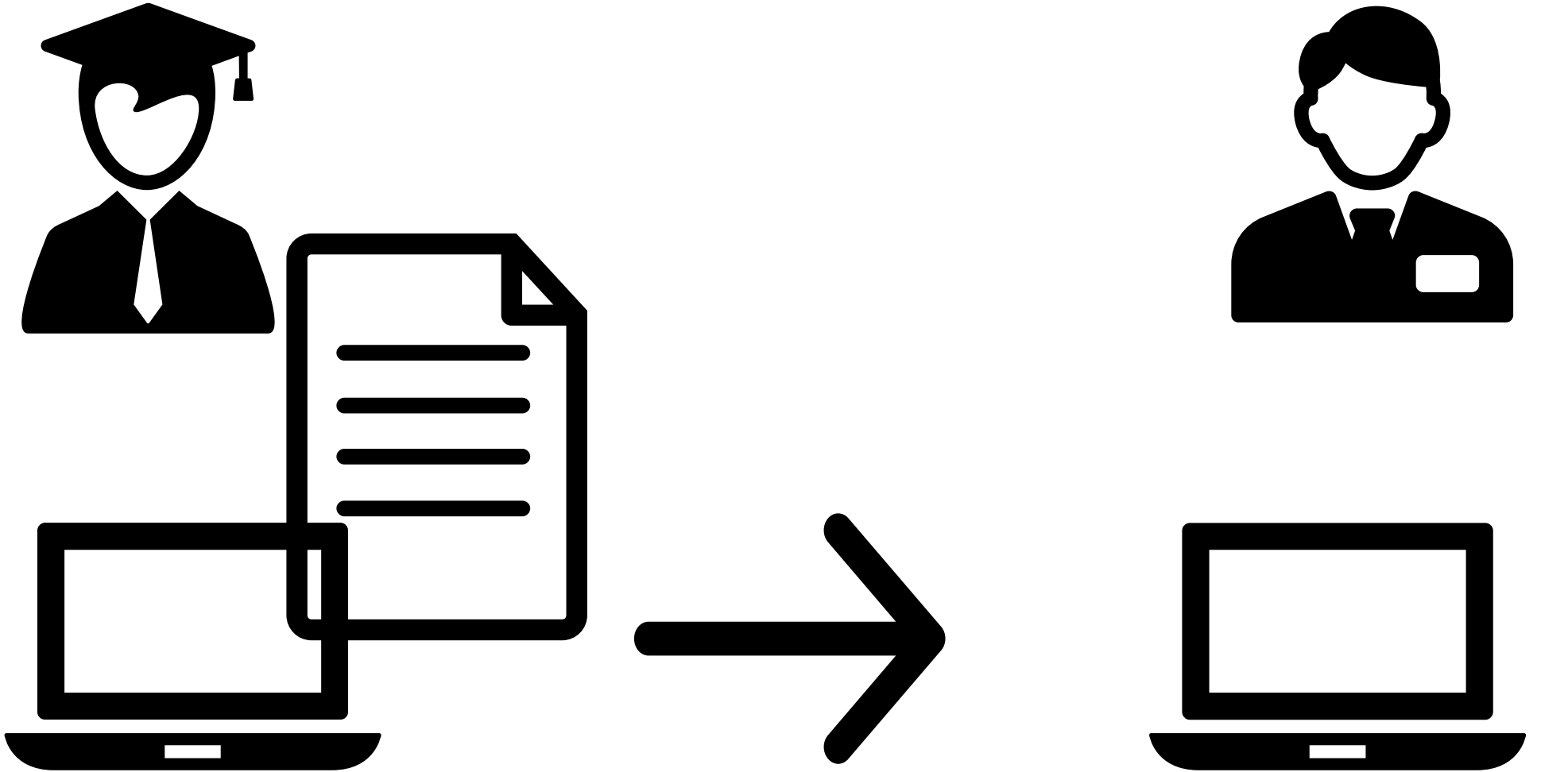
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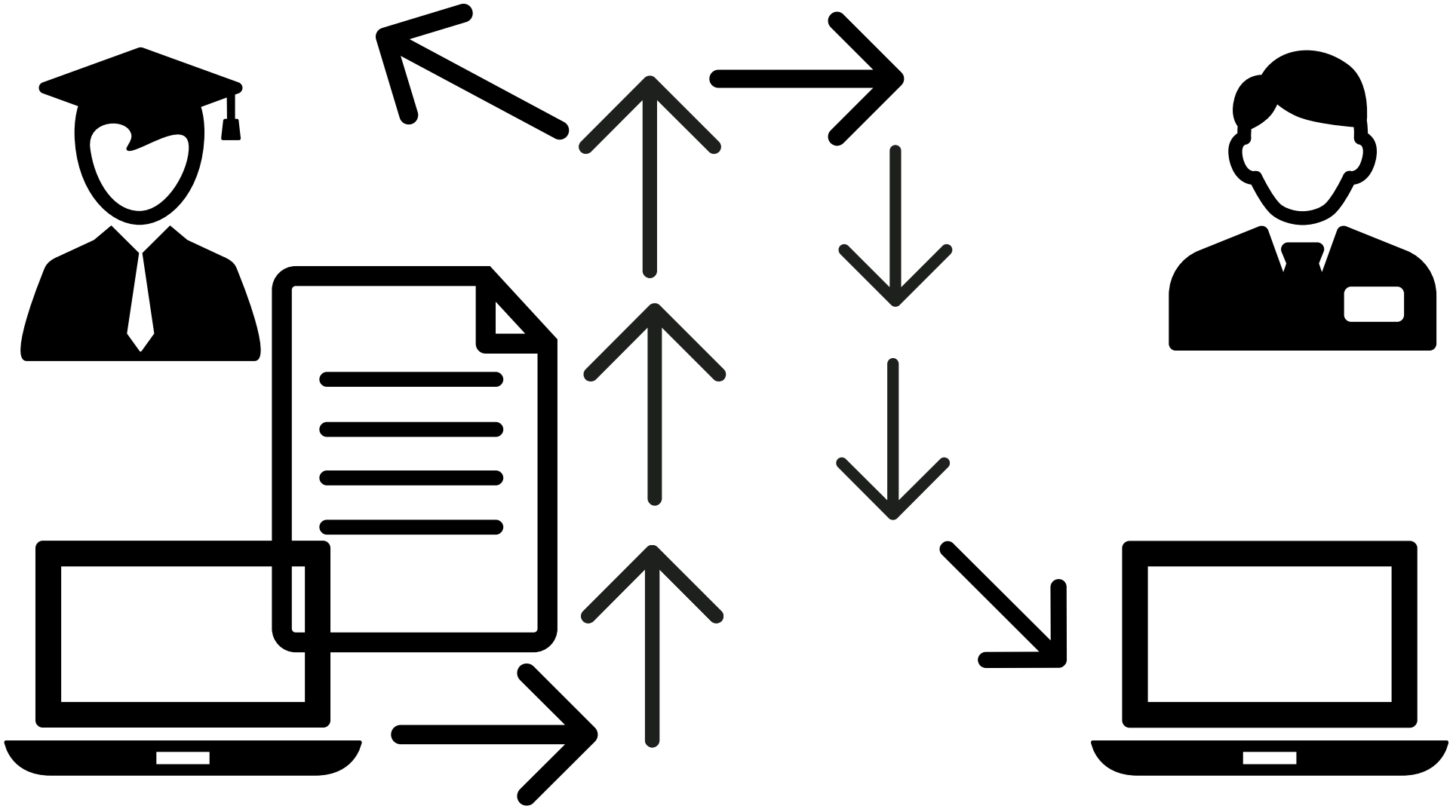
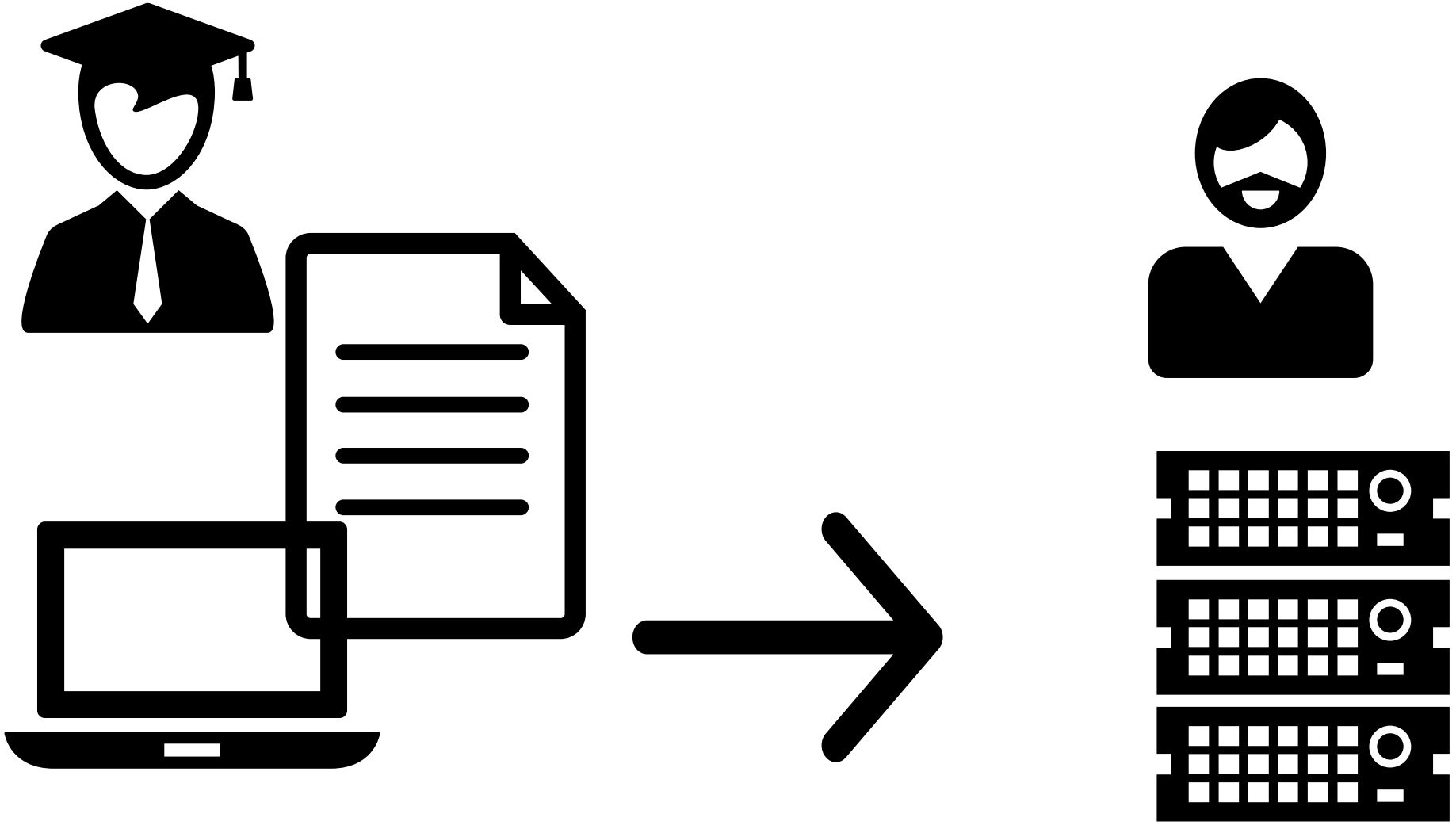
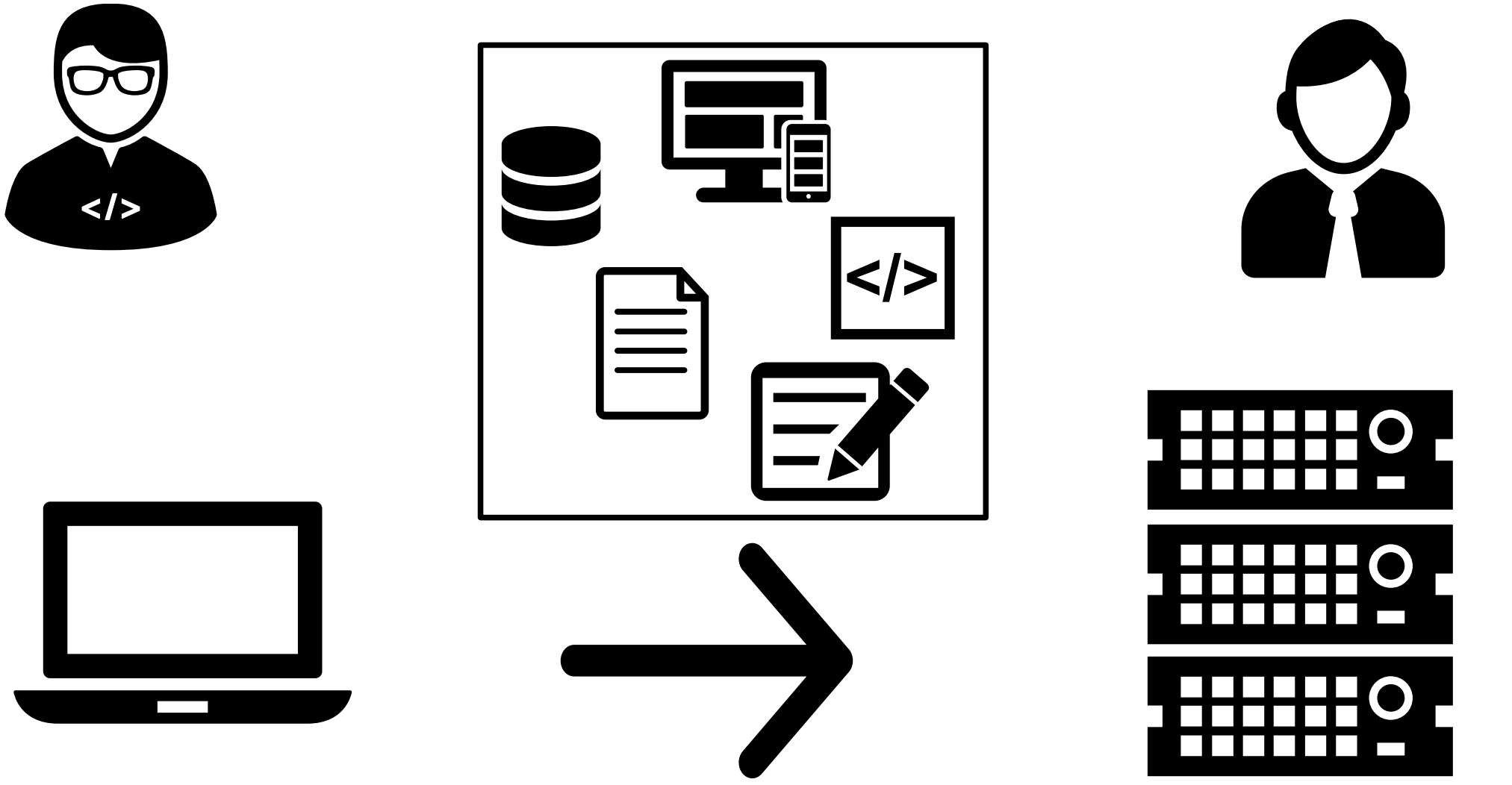
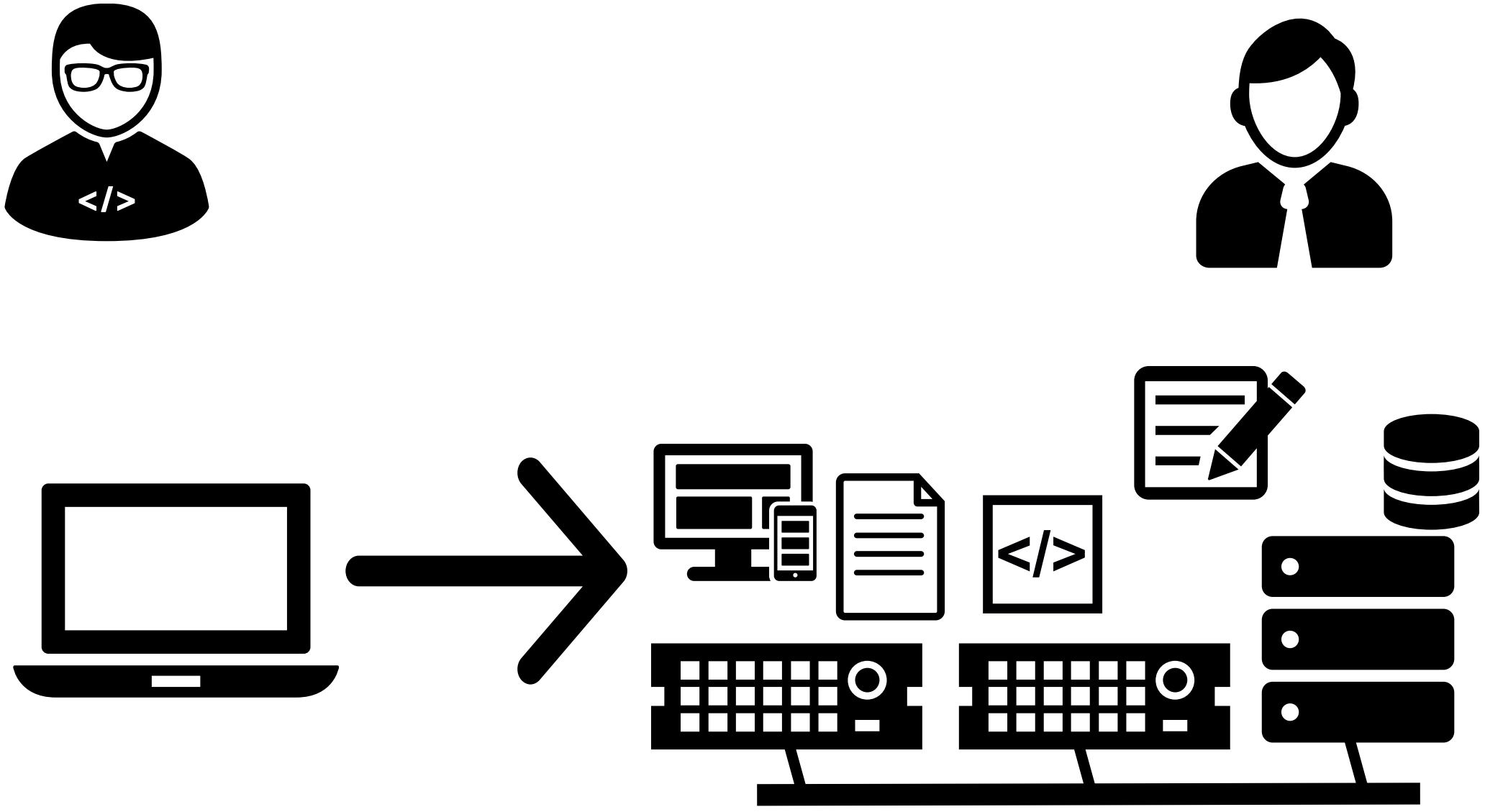
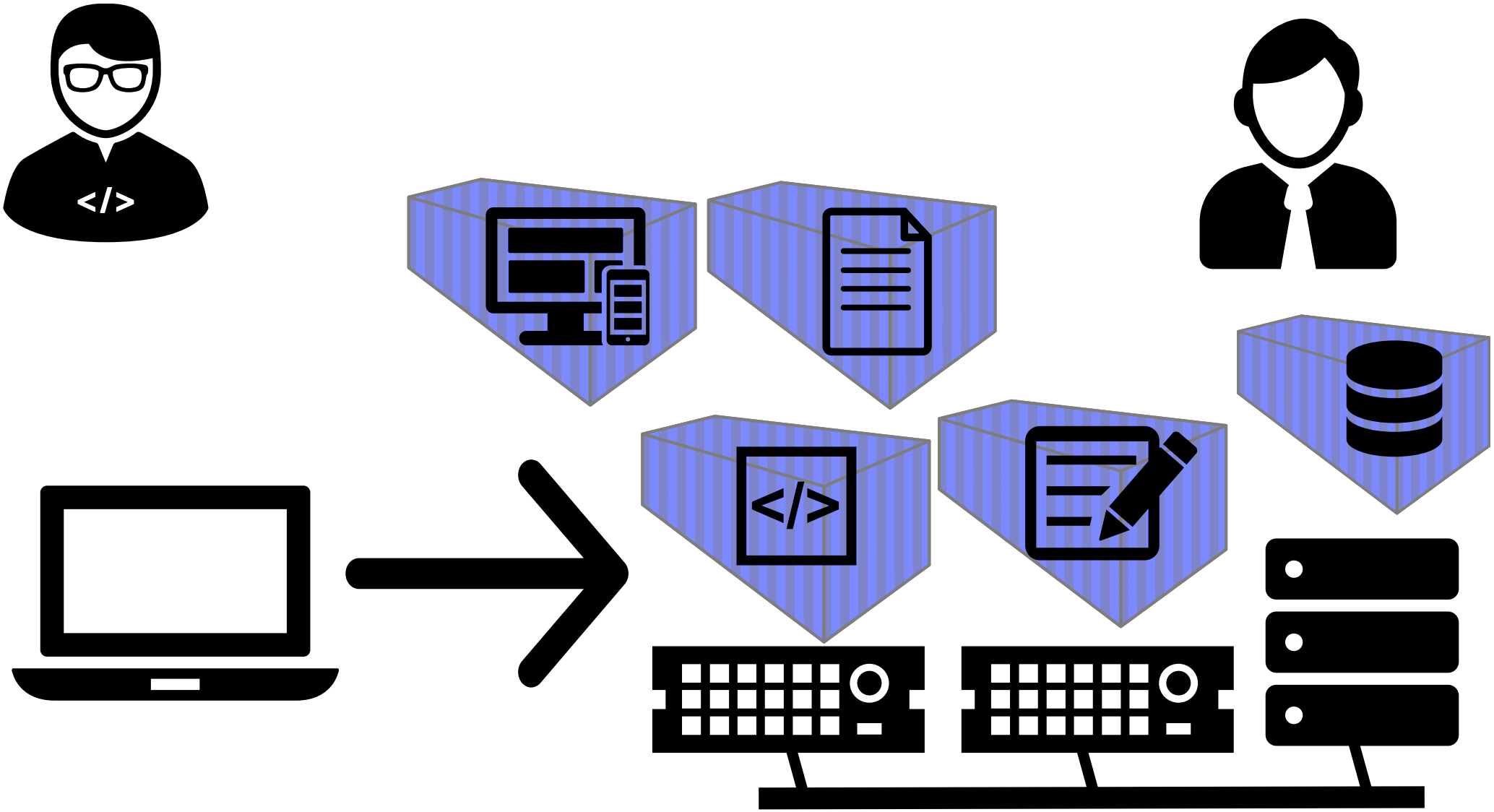
LibFrob 3.1.3b4

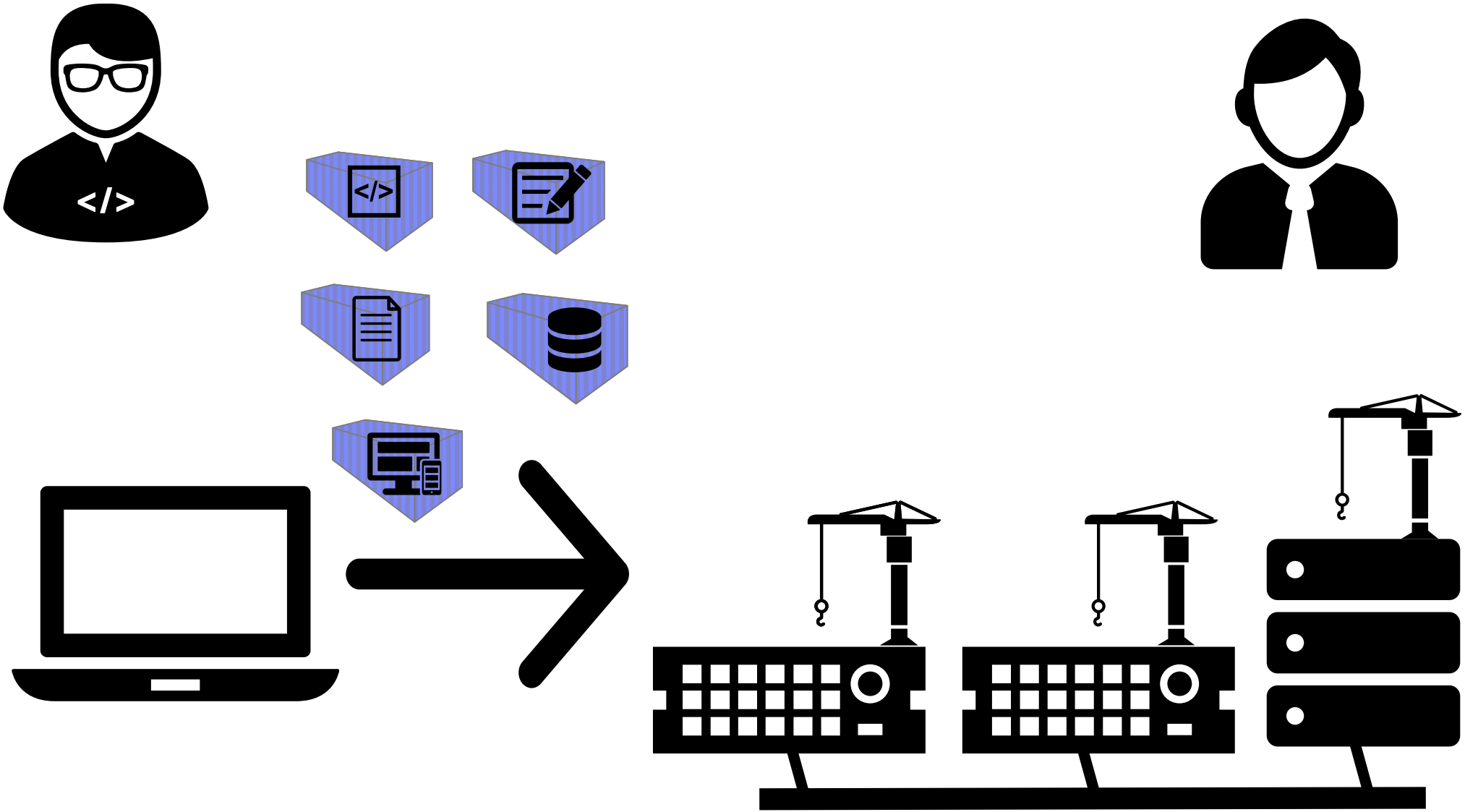








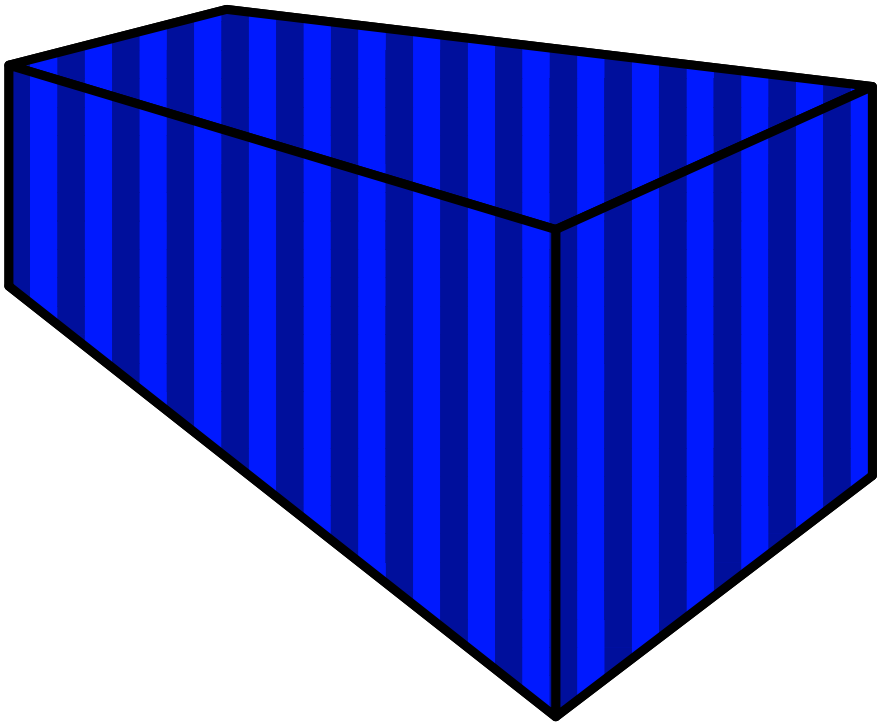


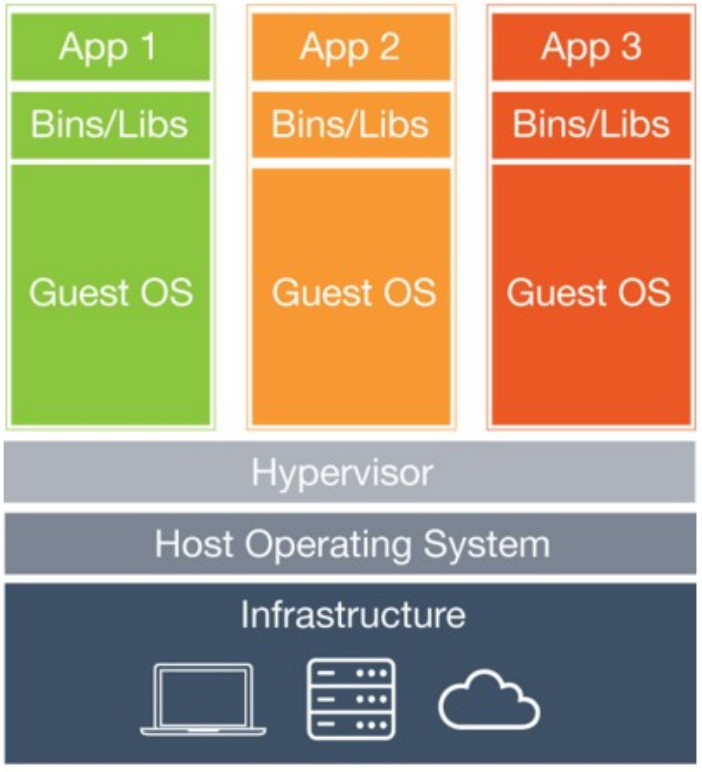


docker

Docker vs Virtual Machine

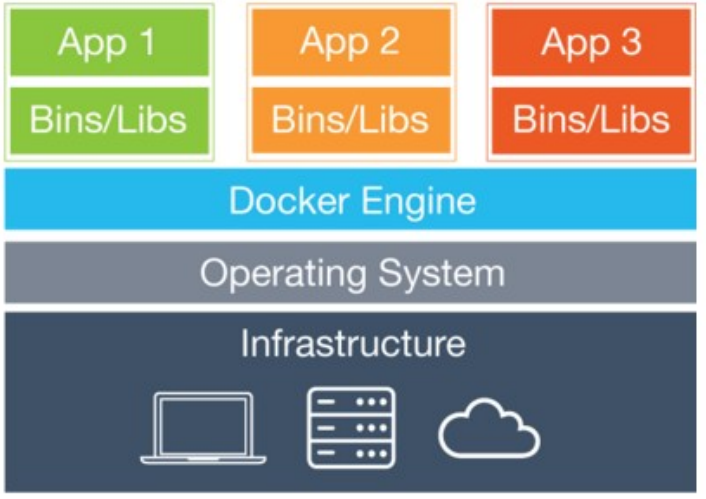
- Like a Virtual Machine
  - Private Filesystem
  - Private Processes
  - Shared Folder / Mounts
  - Explicit Networking Configuration
  - Memory / Disk Quota
- Unlike a Virtual Machine
  - Shared (Linux) Kernel
  - No Hardware Virtualization
  - Startup in milliseconds





Virtual Machines

Each virtual machine includes the application, the necessary binaries and libraries and an entire guest operating system - all of which may be tens of GBs in size.



Containers

Containers include the application and all of its dependencies, but share the kernel with other containers. They run as an isolated process in userspace on the host operating system. They're also not tied to any specific infrastructure – Docker containers run on any computer, on any infrastructure and in any cloud.