

Ada Harris School Visit – Wonder Dash Robots



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Computer Engineers

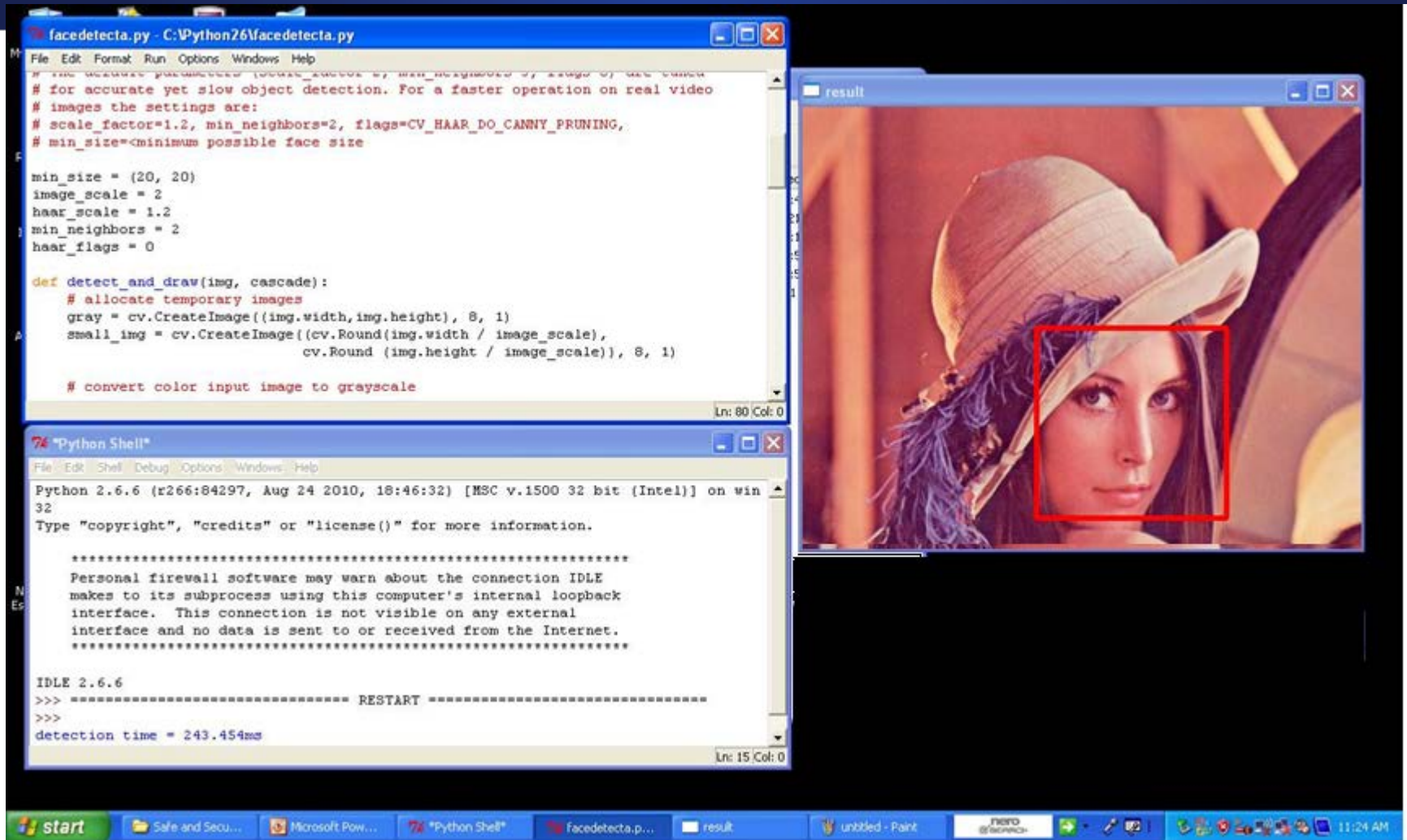
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GA Engineers Make Remotely Piloted Aircraft (RPAs)

- RPAs are also called ... Drones, UAVs, Predators...
- Lots of Engineers Work on these in San Diego
- Engineers are People who :
 - Are Proactively Curious - Ask **What if?** and **Why not?**
 - Can say what it takes to get something **BIG** done.
 - When given resources , can do **GOOD** for **ALL**
 - **Collaborate and Communicate to Achieve**
 - **Manage Risks** by thinking things through

Our Country needs to produce Lots more Engineers for the Future. We need YOU.

Computer Engineers use Apps to Build Apps



Fun Program recognizes faces in pictures and videos

Some Important Concepts for the Future

- Autonomous and/ or Remote Controlled

Data Links - Line of Sight,
SAT COM, Terrestrial,
Uplink , Down Link

- Platform
- Sensors and Payloads

How Many Ways Might A Hacker Break This System ?

Best Ways to be SMART On-Line

**SAFE AND
SECURE
ONLINE**

! Be Nice, Try to be Even Nicer

! Be Tough, Don't take it BAD

! Be Wary, Some are NOT Good

! Be Smart! Hunger to Learn Safety

NETWORK, CHAT, SHARE THOUGHTS POSITIVELY and be SMART

The screenshot shows a social media profile for 'Chloe Summer Lewis' on a platform called 'friendbook'. The profile header includes navigation links: Home, Profile, Friends, Inbox, Settings, and Log out. The profile picture is a cartoon drawing of a blonde woman. The main content area shows a post from Chloe Summer Lewis: 'Bored of doing homework already :-\ 30 minutes ago'. Below this is a post from Billy G: 'Started your English homework yet? 2 hours ago'. A comment from Chloe Summer Lewis is visible: 'working on it now- thinking i might just use an essay i wrote last year... 1 hour ago'. Another post from Lindsey Dickinson says: 'So your mum and dad are away for the weekend? Home alone!! 4 hours ago'. A comment from Aatish Dasari asks: 'Party at Chloe's then? Where do you live? 3 hours ago'. Another comment from Chloe Summer Lewis says: 'Um, Do I know you? 3 hours ago'. A final comment from Evie Russell says: 'Thanks heaps for reporting those comments about my photos. You're such a good friend xx 5 hours ago'. The left sidebar contains information about the user, including relationship status (Single), birthday (5 November), and a list of friends (Billy G, Mary Pope, Evie Russell). There are also sections for photos and albums.

**SAFE AND
SECURE
ONLINE**

What's on-line is out there for a long time.