

Ahmad A. Khattab

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Aircraft designer, Autopilot systems Engineer



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OBJECTIVES

Be A Chief Aircraft Designer And Autopilot Systems Engineer

EDUCATION

Aerospace Engineering, Cairo University
2011

Excellent, 85.5%, Ranked third

WORK EXPERIENCE

Teacher Assistant | **Aerospace Engineering, Cairo University**

2011 – till now

Teaching Topics

Aircraft Design , 3rd year, 2011,2012,2013

System Dynamics and control , 2nd year, 2012

Modern Control Systems, 3rd year, 2011,2013

Autopilot Design, 4th year, 2013

PROJECTS

Simulation Projects

AS A STUDENT

Linear and Nonlinear Simulation for a tailless aircraft

Nonlinear Simulation for a micro helicopter

AS A SUPERVISOR

Linear and Nonlinear Simulation for a fixed airplane

Successful Control Design Projects

AS A STUDENT

Altitude Control for a tailless aircraft

AS A SUPERVISOR

Altitude Control for a fixed aircraft

Heading Autopilot for a fixed aircraft

Successful Control implementation projects

AS A SUPERVISOR

Displacement autopilot for a fixed airplane

SKILLS

- ☐ Fixed airplane RC Pilot



SOFTWARE SKILLS

- ☐ Matlab, Simulink
- ☐ Arduino
- ☐ Protus, PCP layout designing and manufacturing
- ☐ Horizon for micropilot autopilot
- ☐ Realflight Simulator
- ☐ AutoCAD, SolidWorks 2014

