

HAYDER O. ALWAN

PhD Student

Electrical and computer Engineering Department,
Virginia Commonwealth University

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EDUCATION

- **PhD, Electric computer Engineering** (August 2014–Present)
Virginia Commonwealth University
- **MS, Electric power and Machine** (2007–2009)
University of Baghdad, Baghdad, Iraq
- **BS, Electric engineering** (1999–2004)
Al Mustanseriyah University, Baghdad, Iraq

RESEARCH INTERESTS AND ACTIVITIES

- Intelligent Load Management
- Power System Optimization

RELEVANT COURSEWORK

- EGRE 691: Power System Analysis
- EGRE 691: Intelligent Linear System
- EGRE 610: Topics In Nuclear Engineering
- OPER 527 : Optimization I
- EGMN 504 : Mechanical and Nuclear Engineering Analysis
- EGRE 591 :Sustainable and Efficient Power System
- EGRE 691 Wireless Communications

WORK EXPERIENCE

- **Administrator** : Baghdad University , Richmond VA, USA (2010–2013)
- **DATA Base management** :USA & Australian Company :Iraq(2004 – 2007)
- **Mathematics and Physics Tutor** for high school students (2007–2009)

SKILLS

- **Computer Programming:** , Julia , Mathematica
- **Engineering Software:** CST Microwave Studio. Computer Simulation Technology, AutoCAD, and Adobe Designer