

Curriculum Vitae

Personal details:

- **Name:** Ibrahim Majeed Alkanhal
- **Date of birth:** 16/10/1991
- **Nationality:** Saudi.
- **Marital status:** single.

Contact details:

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Education:

- **Ph.D,** Electrical and Computer Engineering. **2017-Now**
Carnegie Mellon University (CMU), Pittsburgh, PA, USA.
- **M.S.,** Electrical and Computer Engineering. **December 2016**
The Ohio State University (OSU), Columbus, OH, USA.
- **B.S.,** Electrical Engineering, **June 2014**
King Saud University (KSU), Riyadh, Saudi Arabia,
Excellent with honor degree.

BS Graduation project: Design and Implementation of FPGA-based true and pseudo random number generators for secure communication systems.

Designing a complete embedded system with a user interface.

Awards:

- 1- BAE SYSTEMS Competition for Best Graduation Project at College of Engineering, KSU.
- 2- Second place at Advanced Electronics Company (AEC) Competition for Best Graduation Project at College of Engineering and College of Computer Science, KSU

- **High-School Diploma,** King Saud Educational Complex, Riyadh. **June 2009**

Training & Experience:

- **Max Planck Institute of Quantum Optics, Munich, Germany.** **June-August 2012**
2 months internship, worked at the Attosecond Physics division laboratory. Training in designing temperature controller for highly sensitive X-ray camera working at very low temperature 200 K.
- **Scholarship from BAE SYSTEMS.** **January 2012-June 2014**

Current Position:

- **Teaching Assistant.**

September 2014-Now

Electrical Engineering Department, King Saud University.

(With Full Scholarship toward Master and Ph.D. studies)

Skills and interests:

- **Field of interests:** Embedded systems, Robotics and automation, Digital systems and circuits, Digital Control, Information Security and Cryptography.
- **Programming Languages:** MATLAB, VHDL, LabVIEW, C, C#, Visual Basic.
- **Applications/Tools:** MS Word, Excel, PowerPoint & Publisher, Adobe Photoshop.

Certificates and Awards received:

- Six offers from the top 30 universities in U.S (Carnegie Mellon University, University of Texas A&M, Ohio State University, University of Colorado-Boulder, University of Minnesota, University of Arizona) **(2015)**.
- Electrical Engineering Department Excellence award, KSU **(2013)**.
- Full mark (100%) in (Qiyas) exam (Quantitative section), in National Center for Assessment in Higher Education (NCAHE) **(2009)**.
- Academic excellence award, General Administration for Education - Riyadh Region **(2006-2007), (2007-2008), (2008-2009)**.
- Speech contest award, General Administration for Education - Riyadh Region **(2002-2003)**.

Extracurricular activities:

- Vice-president, Saudi Student Organization at The Ohio State University. **(2015-2016)**
- Active member and leader of several student school societies during my intermediate, high schools and in college.

Training Courses:

- Decision-Making workshop, Career Counseling and Support Services at The Ohio State University (OSU), Columbus **(2016)**.
- Project Management Professional Certification Program (PMP), King Saud University (KSU), Riyadh **(2014)**.
- International Computer Driving License (ICDL), King Saud University (KSU), Riyadh **(2010)**.
- English Language Course, ELS Institute, Riyadh **(2006, 2007, 2008)**.

References:

Available upon request.