

# Akeel Omairi

Department of Mathematical Sciences, Science College, Mustansiriyah University.

## EDUCATION

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PhD candidate in Mathematics <i>Florida Atlantic University</i>	Jan 2015 — Present
MSc in Mathematics <i>Mustansiriyah University, Iraq</i>	Oct 2006 — Feb 2009
High Diploma in Computer Science <i>Iraqi Commission for Computers and Informatics</i>	Sep 2002 — Jun 2003
BSc in Mathematics <i>Mustansiriyah University, Iraq</i>	Sep 1996 — Jun 2000
<b>Valedictorian</b>	

## WORK EXPERIENCE

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Mathematics Department, Mustansiriyah University, Iraq <i>Assistant Lecturer</i>	Apr 2009 — Sep 2011
Mathematics Department, Mustansiriyah University, Iraq <i>Researcher</i>	May 2005 — Aug 2006
Mathematics Department, Mustansiriyah University, Iraq <i>Programmer</i>	Aug 2004 — April 2005
Internet café <i>Manger and IT technician</i>	Sep 2003 — May 2004
Computer repair and services <i>Manger, IT and computer technician</i>	Jan 2006 — Oct 2011

## INTERESTS

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Coding Theory  
Groups, Rings, and Modules Theory.  
Cryptography.  
Computer programming.

# TEACHING EXPERIENCE

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## Mustansiriyah University

- Sole Instructor: Modules Theory ( One academic year).
- Sole Instructor: Numerical Analysis ( One academic year).
- Lab Instructor: Numerical Analysis by MatLab ( One academic year).
- Lab Instructor: Programming Language C ( One academic year).
- Sole Instructor: IC3 training ( 3 semesters).

## CERTIFICATIONS

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- IC3 (Internet Core Competency Certification) Authorized Instructor (**Certiport Company**).
- CCNA1- Networking basics certificate( **Cisco Networking Academy**).
- Cyber Security certificate "Expected in May 2017 " ( **Florida Atlantic University** )
- Teaching Methods ( **Musansiriyah University** )

## COMPUTER SKILLS

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- Programming Languages (MatLab, Python, and C)
- Networking Basics.
- Computer Maintenance.

## AFFILIATIONS

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- American Mathematical Society (**AMS**)
- Society for Industrial and Applied Mathematics (**SIAM**)

## HONORS AND AWARDS

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**Valedictorian Award**, Science College, Mustansiriyah University. July 2000

Awarded to one undergraduate student in Science College each year for finishing a Bachelor's degree with highest GPA.

**Valedictorian Award**, Mathematics Department, Mustansiriyah University. July 2000

Awarded to one undergraduate student in Mathematics Department each year for finishing a Bachelor's degree with highest GPA.

**First Rank Trainer Award**, Cisco Networking Academy.

Awarded to one trainer in CCNA1 (Networking Basics Certificate) for finishing the course with highest score in the exam.

## CONFERENCE PRESENTATIONS:

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**AMS Sectional Meeting Program, Fall Southeastern Sectional Meeting University of Louisville, Louisville, KY, 2013.**

On Stopping Sets of Algebraic Geometry Codes.

**The sixth Scientific Conference for College of Science, Mustansiriya University, Iraq, 2010.**

$\Gamma(m,n)$ -quasi injective Modules.

**Mini Conference on Discrete Mathematics and Algorithms, Clemson University, 2014.**

Attendance

**Underrepresented students in topology and Algebra Research Symposium, Sam Houston State University 2016.**Attendance.

**The First Iraqi-French Mathematics Conference, Salahaddin University, Iraq, 2009.**

Attendance