



EDUCATION

PhD candidate in Computer Science

SEP 2018 - AUG 2023

University of California, Irvine, CA, USA

GPA: 3.96/4.0

Advisor: [Prof. Chen Li](#)

Working on [Cloudberry](#) and [Texera](#) @ UCI

Master of Science in Computer Science specialized in Software Engineering

AUG 2014 - JUN 2016

University of Southern California, CA, USA

GPA: 3.59/4.00

Bachelor of Science in Information Technology.

AUG 2007 - JUN 2011

King Saud University, Riyadh, KSA

GPA: 4.80/5.00

EXPERIENCE

Teaching Assistant, Mar 2014 - current

SOFTWARE ENGINEERING DEPARTMENT, COLLEGE OF COMPUTER AND INFORMATION SCIENCES, KING SAUD UNIVERSITY, RIYADH, KSA

- Teaching Advanced Web Development, Java
- Course Coordinator of Software Architecture and Design
- Software Construction Clinic Committee member and workshop conductor
- Follow-up and Quality Committee member
- Academic Advising and Scheduling Committee member

IT Team Lead, May 2012 - Mar 2013

IT DEVELOPMENT SERVICES UNIT, IT SOLUTION SERVICES DEPARTMENT, ALAWAL BANK, RIYADH, KSA

- Worked in the field of internal workflow and Echannels middleware(Systems Integration)
- Developments in TIBCO and AutoFORM
- Automated manual processes using Java

SKILLS

Angular, Arabic, English, Java, Scala ● ● ● ● ●

C++, Python, PHP ● ● ● ● ●

C, C#, VB ● ● ● ● ●

PROJECTS

[Texera](#)

APRIL 2021 - CURRENT

Collaborative big data analytics using GUI-based workflows. Working on workflow version control, optimization, and reproducibility

[Cloudberry](#)

SEP 2018 - APRIL 2021

General purpose middleware in Scala for big data visualization for OLAP queries, worked on caching progressive results

[GSvis](#)

SEP 2018 - APRIL 2021

Middleware based progressive visualization of large spatial network

[Peterman](#)

APRIL 2019

Search engine consisting of tokenizer, stemmer, word breaker, and uses LSM based storage

[DBMS](#)

SEP 2018

Database Management System consisting of file manager, record manager, index manager, and query manager

AWARDS

Isabel Cruz Memorial Travel Award

OCT 2022

NSF Travel Award

JUN 2022 & AUG 2022

KSU and ICS Scholarship

AUG 2018

KASP Scholarship

FEB 2012

First Class of Honor

JUN 2011

Ranked 11th in National University Entrance Exam

JUN 2007

CERTIFICATES

IBM Big Data Developer

MAR 2017

ISTQB Foundation

JUN 2012

Management Training Program

NOV 2011 - MAY 2012

PRINCE2 Foundation

MAY 2012