Mohammad Alharbi, PhD

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Education

- **PhD in Computer Science**, Swansea University, 2021
  Thesis: Interactive Visualization of Translations
  Supervised by Dr. Robert Laramee

- **MSc in Computing and Software Technology**, Swansea University, 2011

- **BSc in Computer Science**, Qassim University, 2005

Interests

Information Visualization • Business Intelligence • Web Development & UX • AI & Data Science

Research Contributions

2021

- **Cooperative Digital Humanities: A Methodology**, CDVE. Link

- **Visualization Resources: A Starting Point**, IV (Co-author). Link

- **VNLP: Visible Natural Language Processing**, *Information Visualization Journal.* Link

2020

- **AlignVis: Semi-Automatic Alignment and Visualization of Parallel Translations**, IV2020

- **TransVis: Integrated Distant and Close Reading of Othello Translations**, IEEE TVCG. Link

2019–2017

- **SoS TextVis: An Extended Survey of Surveys on Text Visualization**, *Computers.* Link

- **SoS TextVis: A Survey of Surveys on Text Visualization**, CGVC 2018

- **Molecular Visualization of Computational Biology Data: A Survey of Surveys**, EuroVis Short, 2017

Experience

- **Computer Science Instructor**, Buraidah College of Technology, 2016–Present

- **Teacher Assistant, Data Visualization**, Swansea University, 2018–2019

- **Vice Dean for Training**, HCT, 2014–2016

- **Head of Exams Center**, King Faisal University, 2013–2016

- **Training Quality Coordinator**, HCT, 2013–2014

- **ACCET Report Coordinator**, HCT, 2012–2013

- **Computer Science Lecturer (temp)**, Majmaah University, 2012

- **Computer Science Instructor**, HCT, 2005–2016

- **Head of Private Training Unit**, HCT, 2005–2009

- **Secretary, Board of TVTC Hafer Albatin**, 2005–2007

Certificates & Training

- **Creativity and Innovation Training Program**, Colleges of Excellence / TVTC, 1–5 Dec 2024 (20 hours)

- **Data Visualization with Tableau**, Coursera (By UC Davis), 11 Jul 2024

- **Google Business Intelligence Certificate**, Coursera (By Google), 10 Jun 2024

- **Huawei HCIA–AI**, Huawei, 24 Nov 2022

- **Quantitative Text Analysis**, University of Essex, Aug 2018 (2 weeks)

- **DTC Series**, Swansea University, 2016–2017

- **Train the Trainer Program**, Saudi Aramco, Oct 2012

- **Vocational Guidance Instructor**, TVTC, Apr 2008

- **Web Development Tools**, HCT, Nov 2006

- **Systems Design and Analysis**, HCT, Nov 2006

- **Technical Ed Program**, Institute of Technology Christchurch, 2005

- **Market Trends Program**, Colleges of Excellence, (2017—date unknown)

Activities & Engagements

- Hackathon Judge, BST Hackathon for Sustainable Solutions, Qassim TVTC, 2024

- Workshop: NLTK in Translation Applications, CALT, 2019

- Organizer, CGVC conference, 2018

- Workshop: Intro to NLTK, CGVC, 2018

- Workshop: Parallel Translations, Swansea Postgrad Conf., 2018

- Workshop: Integrated Distant & Close Reading ..., Visible Lunch w/ Prof. Shneiderman, 2018

- Poster: Integrated Distant & Close Reading ..., Swansea Postgrad Conf., 2017

- Chairman, e-learning Committee, HCT, 2016–2017

- Scientific Committee Member, Programming Curriculum, HCT, 2015–2016

- Supervisor, Virtual Classes Initiative, HCT, 2014–2016

- Founder, HCT Media Center, 2015

- Contributor, Vocational Orientation Training Scheme, 2015

- Executive Member, TVTC Capability-Building Project, 2015

Languages

- **Arabic:** Native proficiency
- **English:** Full professional proficiency