**Curriculum vitae**

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| * **Personal information** |

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| **Name:** Huda Younus Najm |
| **Address**: Duhok – Kurdistan Iraq |
| **E- mail:** [huda\_math\_88@yahoo.com](mailto:huda_math_88@yahoo.com) |
| **nationality:** iraq |
| **data of birth:** 31-1-1988 |
| m. sc. Science Mathematics- College of Computer Sciences and Mathematics- University of Mosul. |
| **Thesis title :** “Two Improved Conjugate Gradient Methods for solving Nonlinear Optimization” |
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| * **Education** |
| **Dates** ( from-to) from 2005-2009 |
| **The university name**: university of mousl |
| **Specialization**: mathematics |
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| * **Education** |
| **Dates ( from-to)** from 2009-2011 |
| **The university name:** university of mousl |
| **Specialization**: mathematics |
| **Title of qualification**: master in mathematics |

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| * **Work experience** |
| **Dates :** 2013-2014-2015-2016 |
| **Name and address of employer:** University of Dohuk |
| **Occupation or position held:** assistant lecturer |

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| * **Published paper** |
| Data 23-6-2011 |
| Journal name: Raf. J. of Comp. & Math’s. , Vol. 10, No. 2, 2013 College of Computer Sciences and Mathematics- University of Mosul. |
| Title of paper : “New Conjugacy Coefficient for Conjugate Gradient Method for Unconstrained Optimization” |

* **Language:**

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| languages | speaking | reading | writing |
| Arabic |  |  |  |
| English |  |  |  |
| kurdish |  |  |  |

* **Subjects:** numerical optimization, operation research, calculus , probability and statistics , matlab (computer application).

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| * **Personal skills:** computer application, language programming ( matlab, fortran) |

* **Project research for fourth stage students:**

1. solve the Transportation Problems & the assignment problems by using the Solver Microsoft Excel.
2. Network Optimization.
3. The Relationship between Fibonacci Numbers & Golden Ratio and Determine The Step Size  of One-Dimensional Minimization by Using MATLAB.
4. Mathematical Functions & Image PROCESSING BY MATLAB.
5. Game theory in decision theory by MATLAB.
6. Solve constrained optimization problem by toolbox in MATLAB.