Hussain Hamid Rashid Al Zerjawi

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WORK EXPERIENCE

Mechatronik Schule Winterthur – MSW   Zurich, Switzerland
Information Technology System Technician   Aug 2011 - May 2012

- Did troubleshooting and resolved more than 300 on-site issues
- Oversaw the administration and development of relational databases
- Performed server repairs and regularly made server backups
- Dealt with the network infrastructure and automated OS installation of over 500 machines
- Continuously developed and deployed solutions to new problems

Ishik University Erbil   Erbil, Iraq
Backend Developer   Sep 2012 - Aug 2014

- Implemented RESTful APIs using Python with Flask to interact with over 6000 Students' data
- Deployed and managed Flask environments onto AWS Elastic Beanstalk
- Designed, normalized, and deployed relational MySQL databases using AWS RDS
- Monitored the performance of the school's computer systems and network infrastructure
- Provided training and support to new members of the internal development team
- Automated testing of the university's web application using Java with Selenium
- Collaborated within the team using Agile software development

EDUCATION

Columbus State Community College   Columbus, OH
Associate's degree Computer Science *GPA: 3.74*   Jan 2015 - Jun 217

Colorado State University   Fort Collins, CO
BS Computer Science *GPA: 3.25*   Sep 2017 - Jun 2019

Metropolitan State University of Denver   Denver, CO
BS Computer Science and Minor in Mathematics *GPA: 3.67*   Jun 2019 - Dec 2020

SKILLS

Programming Languages:	Java, Python, Javascript ES6, C#, Haskell, SQL, Prolog, Matlab
Frameworks/Libraries:	Flask, Django, jQuerry, Selenium, Spring Boot
Database Management:	Neo4j, MongoDB, MySQL, Access, AWS RDS
Web Tech:	HTML5, CSS, REST APIs, JS Frameworks (React, Vue), Bootstrap
Team Tools:	Git, Jira, Slack, Agile (Scrum), GitHub, Cucumber (BDD)
Cloud Tech:	DevOps (CI/CD, Infrastructure, IAM), Cloud Computing (AWS, Azure)
Languages:	English, German, Swiss German, Iraqi Arabic

PROJECTS

Inventory query on UDP *Java*   https://github.com/babylonianLion/Inventory-query-on-UDP
Created a UDP server and client that interact with each other through query requests.

LSB steganography *Matlab*   https://github.com/babylonianLion/LSB-steganography-
A game in which a secret code is hidden within an image where the user must decrypt the image to win.

Simplified SMTP on TCP *Java*   https://github.com/babylonianLion/Simplified-SMTP-on-TCP
A SMTP client and a SMTP server that implement a simplified SMTP protocol based on TCP.

Red vs Blue *Python, Flask, MySQL, jQuerry, HTML, JavaScript, AWS Elastic Beanstalk, AWS RDS, CSS*   https://github.com/Red-vs-Blue/RvB
A reddit (forum) like web application that revolves around politics and where people exchange ideas.

AWARDS

The most creative project   Ishik University Erbil Hackathon
Recognized for my remote controlled arduino powered quadruped robot   Sep 2013

Volunteer Participation   ICRC - International Committee of the Red Cross
Recognized for my volunteering participation during the ISIS resurgence   Aug 2014