Hussain Hamid Rashid Al Zerjawi

Denver, CO · halzerjawi@acm.org · (614)-816-8272 · https://www.linkedin.com/in/hussain-alzerjawi/

Education

Metropolitan State University of Denver	Denver, CO
BS Computer Science *GPA: 3.67*	Jun 2019 - Dec 2020
Colorado State University	Fort Collins, CO
BS Computer Science *GPA: 3.25*	Sep 2017 - Jun 2019
Columbus State Community College	Columbus, OH
Associate's degree Computer Science *GPA: 3.74*	Jan 2015 - Jun 2017

Work Experience

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

- Did troubleshooting and configuration of customer issues
- Oversaw database administration and development
- Performed server repairs
- Dealt with the network infrastructure
- Created data center updates
- Developed and deployed solutions to new problems

Ishik Boys College — Erbil, Iraq
Backend Developer — Sep, 2012 - Aug 2014

- Implemented RESTful APIs using Python with Flask to manipulate Student data
- Deployed and managed environments onto AWS Elastic Beanstalk
- Designed and normalized MySQL databases using AWS RDS
- Monitored the performance of the school's computer systems and infrastructure
- Provided training and support to new members of the internal team

Skills

Programming Languages:	Java, Python, SQL, C#, Haskell, Matlab, Prolog
Frameworks/Libraries:	Flask, Django, React, jQuerry, Vue, Bootstrap
Database Management:	Neo4j, MongoDB, MySQL, Access, AWS RDS
Languages:	Iraqi Arabic, German, Swiss German, English

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 matlab program that's supposed to be a game in which a secret code is hidden in an image and the end-user must decrypt the image.

Simplified SMTP on TCP *Java* — https://github.com/babylonianLion/Simplified-SMTP-on-TCP
I wrote a SMTP client program and a SMTP server program that implement a simplified SMTP protocol based on TCP service

Red vs Blue *Python, Flask, MySQL, jQuerry, HTML, JavaScript, AWS Elastic Beanstalk, AWS RDS, CSS* — https://github.com/Red-vs-Blue/RvB
A reddit like web application that revolves around politics where users can create accounts, make posts, make comments, upvotes/downvotes and etc.

Awards

The most creative project — Ishik Boys College 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