

# HUSSAIN HAMID RASHID AL ZERJAWI

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## EDUCATION

### Metropolitan State University of Denver

BS Computer Science *GPA: 3.67*

Denver, CO

Jun 2019 - Dec 2020

### Colorado State University

BS Computer Science *GPA: 3.25*

Fort Collins, CO

Sep 2017 - Jun 2019

### Columbus State Community College

Associate's degree Computer Science *GPA: 3.74*

Columbus, OH

Jan 2015 - Jun 2017

## WORK EXPERIENCE

### Mechatronik Schule Winterthur – MSW

*Information Technology System Technician*

Zurich, Switzerland

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

*Backend Developer*

Erbil, Iraq

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, jQuery, 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, jQuery, 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