

CONTACT

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RELATED COURSE WORK

Advanced Programming:
Game development
(Unity & C++)

Database Management:
Built and stored music
(PHP, MySQL)

Computer Organization
and Architecture:
Built a digital computer in
Minecraft

Theory and Construct
of Compilers:
Machine language, PEP8,
Yak, Bison

Design of Algorithms:
Introduction to
fundamentals
three classes
(C++)

SKILLS

C++ | HTML/CSS
Javascript

Familiar with:
Python | PHP | SQL

RECENT PROJECTS

Built a "Smart Mirror"
with Raspberry Pi and
one way mirror

Built a "Build an 8-Bit
Computer" in
Minecraft

Visit
saberadaqiq.me
for videos and
pictures

SARA DAQIQ

SOFTWARE DEVELOPER

EDUCATION

2013 - 2016

Georgetown College

Bachelor of Science | Major in Information Systems & Psychology

Recipient of Full Academic Scholarship and
Howard Hughes Medical Institute Research Fellowship

OBJECTIVE

An entry level programmer seeking a position that enables me to learn and nurture my programming skills on job

EXPERIENCE

Founder, AccessLocal

2012 - Present

- Facilitate digital presence for small local businesses (i.e. websites, content, grants)
- Conduct grant Proposal Writing (3 successful proposals totaling \$10,000 from U.S. Department of State) In June 2012)
- Recruit five skilled women to create merchandise with materials funded by founding members' seed money which led to a self-sustained company

Girls Who Code Teacher, Microsoft

June - August 2016

- Managed two teacher assistants and mentored 20 high school seniors for the summer
- Taught Python, JavaScript, HTML/CSS and Robotics to students
- taught students to build games, responsive websites and to program robots
- Organized and scheduled industry leaders to speak as role models

Technical Intern, MakeTime Manufacturing

2016 - Spring

- Built and managed a 40" x 72" smart mirror to show important data in the office from start to finish
- Used a raspberry pi, one-way mirror, and a recycled screen monitor Designed and animated icons in the mirror (HTML, CSS, Angular, Ruby on rails)
- Intergrated with Slack, Google Calendar, Periscope Data, and Weather using APIs
- Designed and built a wooden case that could support and house the mirror with all its amenities

Girls Who Code Teacher Assistant, Square

2015 - Fall

- Taught Project based approach abstraction thinking, computational thinking, algorithm development, leadership skills, and basic programming constructs for the summer to 20 high school seniors
- Provided ongoing design and build process training
- Assisted students to program robots to perform tasks (e.g. dance to the rhythm of a song) using Python
- Taught user-friendly interactive website development, with assertive technology (JavaScript, Python, HTML, CSS)