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SARA DAQIQ

TECHNICAL SKILLS:
Front-End: Javascript (ES6), HTML, CSS, React, Angular, React Native, JQuery, Redux, Unity, C++
Back-End: Postgres, MySQL, MongoDB, Mongoose, Knex, Sequelize, Bookshelf, Node, Express, Git

APPLICATIONS:

Flashback, Software Engineer
A location based Instagram using React and Redux
- Managed application state with React/Redux for efficient data flow and improved maintainability
- Architected relational schema with MySQL for efficient storage and querying
- Retrieved and rendered the user's information and photos from database using Knex

$hare.io, Software Engineer
Airbnb for household items
- Crafted modular front-end components with React for enhanced rendering speed and extensibility
- Transmitted images over RESTful API with Multer middleware and managed their storage with Postgres
- Designed and built the database schema and its utility functions for optimal query response

TrumpTalk, Software Engineer
A Facebook Messenger bot that responds to questions with tweets from Donald Trump
- Designed a Facebook Messenger bot that retrieved all tweets of a person using Twitter's API client
- Developed a backend logic to determine the best response for a question using Node and MySQL
- Architected the bot to respond to user input with tweets from Donald Trump

WORK EXPERIENCE:

Girls Who Code, Computer Science Teacher   May-August, 2015 & 2016
Lead teaching Computer Science fundamentals for high-school students
- Created a project-based curriculum that increased student interest in computer science by 94%
- Taught responsive web design with HTML, CSS and Bootstrap for accessible website development
- Mentored students and assisted them develop technical approach problem solving skills

MakeTime Manufacturing, Software Engineer Intern   Jan-May, 2016
Built a 40" x 72" "smart mirror" that displays personal notifications and daily updates
- Integrated Slack, Google Calendar, Periscope Data, and Weather using APIs to render useful data
- Designed and coded the user interface using AngularJS for effective real time rendering
- Architected the device using a Raspberry Pi and one-way mirror

AccessLocal, Founder   Jan 2012 - Present
Initiative to empower illiterate women in rural Afghanistan
- Secured financial support from the Department of State in response to three successful grant proposals
- Recruited five women to organize and teach classes for literacy and financial planning for 200 students

EDUCATION:

Georgetown College   2013 - 2016
B.S in Information Technology, Minor in Psychology