Jacob Shaeffer

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602-881-6698

Education

Arizona State University   May 2017
Bachelor of Science, Computer Science

Qualifications

- Java
- C#
- Android
- React-Native
- Firebase
- React

- CSS
- HTML
- Javascript
- .net
- SQL
- Python

- Linux
- Windows
- Computer Assembly
- Laptop Repair

Professional Experience

Maricopa Association of Governments, Phoenix, AZ   January 2015 – Present
Software Developer/ Analyst II (July 2018 – Present)
- Implemented a web app to handle progress reports for the Transportation Department.
- Created an application to process and upload traffic data to a SQL server.
- Refactored a Python script for zone conversion to reduce runtime from 14 hours to 20 minutes.

Software Development Intern (January 2015 – July 2018)
- Designed and implemented a prototype full-stack cross platform cellphone app involving geolocation, as well as backend data storage and processing.
- Developed software for in-house needs including data processing scripts and Microsoft Office add-ins.

Engineering Mapping Solutions, Phoenix, AZ   May 2013 – August 2013
Data Analysis Technician
- Performed asset tracking, sorting, and verification for clients in the private sector as well as government agencies.

Personal Projects

Personal Website   Present
- I created and maintain my own website. See it here: https://jacobshaeffer.com/

Raspberry Shortcake   Present
- Using a Raspberry Pi 4, I created a rugged portable computer inside of a Pelican-style case.

HotDog   March 2018
- A web-based 3D Connect-4 style game. Play it on my website: https://jacobshaeffer.com/hotdog/

Fast Tunnel   June 2017
- An arcade-style game for Android phones and tablets. Find it on the Google Play Store: https://play.google.com/store/apps/details?id=com.shaeffer.jacob&hl=en

Raspberry Tart   February 2016
- I made a diy laptop by modifying a Rapberry Pi 3B and other hardware. See it