

# Jacob Shaeffer

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JacobShaeffer.com

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/>

Game Jam

June 2022

- I participated in the Godot Game Jam 3 where I developed a game from scratch in 9 days. Play the game here: <https://prismod.itch.io/i-am>

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 [Raspberry Pi 3B](#) and other hardware.