

# STEVEN J DAVID

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Website: <https://www.sj david.com> | GitHub: <https://github.com/stevenjdavid>

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## EDUCATION

### University of Illinois at Urbana-Champaign

August 2019-Present

Bachelor of Science in Computer Science and Linguistics, anticipated May 2021

### Oakton Community College

August 2017-May 2019

GPA: 3.7/4

- Completed 65 credit hours, including courses in Java Computer Science I, Java Data Structures, C++ Data Structures, and Computer Architecture & Organization

## PROJECT HIGHLIGHTS

### Digimater

January 2019-Present

- Documented REST endpoints via Swagger API – <https://api.digimater.com>
- Created a platform intended for businesses to automate, track, and process delivery of digital items
- Integrated eBay API through OAuth 2.0 protocol
- Hosted application on Heroku using Python and Flask web framework

### Mass Messaging Platform

May 2019-June 2019

- Designed and implemented a Flask application for a retail client to schedule routine text messages distributed to multiple phone numbers
- Integrated Twilio API into an administrative dashboard
- Designed to handle hundreds of customers and withstand multiple asynchronous requests

### Garry's Mod Game Development Add-Ons

February 2016-February 2018

- Developed two law enforcement tools in Lua designed to enhance realism and extend capabilities of the game
- Implemented a blood alcohol content algorithm to depict lifelike visual effects
- Provided support for 200+ customers and generated 15,000 views

## EXPERIENCE

### Subawu

August 2019-August 2020

Backend Software Engineer

- Developed and maintained multiple endpoints using Python's Flask-RESTPlus framework along with related packages ranging from SQLAlchemy to JSON Web Tokens
- Debugged and tested endpoints via Postman and Docker
- Collaborated in a team environment to develop algorithms used to connect user locations, interest, and nearby educational buildings

## SKILLS

**Programming:** C++, Java, Python, Lua, C

**Languages:** English (Native), Assyrian (Native), Spanish (Basic)

**Cloud Based Technologies:** AWS, Heroku

**Tools/Frameworks:** Git, Eclipse, CLion, Flask, Valgrind

## ACTIVITIES

- Association for Computer Machinery (ACM) August 2019-Present
- St. Sargis Choir Organist January 2009-Present
- Assyrian Church of the East Youth Association October 2011-Present
- Institute of Electrical and Electronics Engineers (IEEE) August 2017-May 2019
- Relay For Life Participant August 2014-May 2017
- Recycling Club August 2013-May 2017

## HONORS:

- Dean's List January 2020-May 2020
- President's Scholar Award January 2018-June 2018
- High Honors Award August 2017-May 2019