

# JACOB SHUMAN

SOFTWARE DEVELOPER

## Languages

Javascript	<div></div>
Typescript	<div></div>
Java	<div></div>
C/C++	<div></div>
Dart	<div></div>
Python	<div></div>

## Apps/Services

IDE's - Visual Studio Code, Atom, Visual Studio  
Design - Figma, Sketch  
Services - Firebase, GitHub, Heroku, Slack,  
Trello, Wix  
Other - Git, GitKraken, GitHub Desktop, Docker

## Frameworks/Systems

Frameworks - Flutter, React, NodeJS, Express  
Database Systems - Postgress, MongoDB

## Hardware/OS's

Hardware - Raspberry Pi  
Operating Systems - Windows 7 / 8 / 10,  
MacOS/OSX, Linux

## Education

Seneca College - CPA (Computer  
Programming and Analysis), January 2018 -  
Present  
High School (Homeschool) - 2013 - 2017

## PROJECTS

Envisioned and implemented packages and apps, applying my knowledge of a multitude of web technologies.

### node-itunes-search

*NPM Package*  
*[npmjs.com/package/node-itunes-search](https://npmjs.com/package/node-itunes-search)*

An NPM package which queries Apple's iTunes Search API for various metadata.

### music-search

*NPM Package*  
*[npmjs.com/package/music-search](https://npmjs.com/package/music-search)*

An NPM package which queries multiple metadata API's for music content.

### promlop

*NPM Package*  
*[npmjs.com/package/promlop](https://npmjs.com/package/promlop)*

An NPM package that simplifies loops using ES6 promises.

### Hip Music Player

*Flutter (IOS/Android)*  
*[github.com/jacob-shuman/hip\\_music\\_flutter](https://github.com/jacob-shuman/hip_music_flutter)*

A FOSS music player for self-hosted media servers such as Emby, Plex, Airsonic, and Jellyfin.

## WORK EXPERIENCE

### Lab Assistant

*Seneca College | 2018 - Present*

- Assists students in understanding concepts relevant to their current knowledge of programming.
- Debugging student's projects in C and C++.
- Assists students in completing their assignments.

### Camp Director / IT Specialist

*Smarty Pants | 2015 - 2018*

- Provided leadership and acted as a role model to the students to ensure safety and enjoyment for everyone.
- Created a POS for the store including inventory input and order processing through the website.
- Setup, repair and maintained a personalized product system for the store.