Christian Sauls

COSC 412-101

**Tool Selection**

Discord bot:

1. JavaScript
   1. Node.js foundation
      1. Allows for usage of JS outside of web browsers
      2. Extends JS functionality
   2. Discord.js
      1. API wrapper library for Discord, built on top of Node.js
   3. TypeScript
      1. A strict syntactical superset of JavaScript that adds optional static typing
      2. Transcompiles to plain JS
      3. Aids with the development of applications that heavily utilize classes
         1. Improved tooling
         2. Discord.js uses many different classes