

# Naveed Golafshani

ngolafsh@uwaterloo.ca · naveedgol.com · github.com/naveedgol

## SKILLS

### Languages

- C++ · C · Python · JavaScript · HTML/CSS · Bash Scripting · AppleScript

### Tools

- Google Test/Mock · Git · Subversion · Visual Studio

## EXPERIENCE

### Morega Systems • Software Engineer • 2017

- Reverse engineered Netflix login and search to create a custom API in **C++**
- Designed client facing interface for YouTube and Netflix login/search
- Streamlined error reporting process to efficiently archive and encrypt debug logs
- Integrated a zip archiver compatible with proprietary internal file stream system
- Utilized **Google Test** and **Google Mock** to create automated unit tests with 100% code coverage

### Quint Systems • Freelance Drafter • 2014 – 2015

- Generated digital schematics from designer's sketches with attention to accuracy
- Documented and communicated challenges to designer to streamline future work

## PROJECTS

### Geniusify • 2017

- Created chrome extension in **JavaScript** that leverages **Genius API** to match lyrics to their respective songs
- **150+** active users within first week of release

### Remotify • 2016

- Developed iTunes/Spotify remote controller with Tiva LaunchPad in **C++**
- Built a **Bash** script in tandem with **AppleScript** for USB serial port communication
- Daemonized process to run silently in background

### HipHopToday • 2017

- Created website in **HTML/CSS** that shows #1 Hip-Hop songs of past decade
- Built web crawler in **Python** to scrape Billboard data based on current date
- Automated daily refresh process with a **Bash** script that pushes website changes

## EDUCATION

### University of Waterloo • 2016 – 2021

- Bachelor of Software Engineering
- President's Scholarship of Distinction

## INTERESTS

Data visualization · Hockey · Basketball · Snowboarding · Hip-Hop/Rap · Video Games