

# Naveed Golafshani

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## SKILLS

- C / C++ · Python · JavaScript · HTML / CSS · Angular5 · AWS

## EXPERIENCE

### Sony Electronics · Software Engineer

Winter 2018

- Led project development of an API customer support and documentation portal using **Angular5** frontend served via **AWS S3** and **CloudFront**
- Created **AWS Lambda Python** script to abstract Jira API calls for customer support
- Automated conversion of **API Gateway** swagger file to **HTML** documentation
- Built video transcription proof in concept feature shown to public at [NAB 2018](#)
- Developed classroom polling feature API in **Python** and built proof in concept in **Angular5** to demonstrate feature

### Morega Systems · Software Engineer

Summer 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

## PROJECTS

### NBA Rotation Chart

- Generated rotation and lead tracker charts from play by play data in **Angular5**
- Peak **250+** users in a day

### Geniusify

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

### Remotify

- 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

## EDUCATION

### University of Waterloo

2016 - Present

- Bachelor of Software Engineering (co-op)
- President's Scholarship of Distinction