Jacob A. Kleiman

# EDUCATION

**BS in Computer Science, Minor in User Experience Design** - Bellingham, WA (Graduated June 2019)

Western Washington University

**Relevant Courses:** Data Structures, Analysis of Algorithms, Object Oriented Concepts, Computer Vision, Computer Networks Functional Programming Languages, Mobile Device Programming, Technical Documentation

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# HONORS, MEMBERSHIPS & PROJECTS

* **Music Researcher, Data Analysis Project:** Researched, web scraped, and analyzed hundreds and thousands of data points representing US and European metal bands and artists in order to create graphs to exemplify the aspects of the metal genre over time.
* **Lead Developer, Mobile Application Project**: Supervised, implemented, and designed a fully functioning music networking application built on Android Studios in an agile development environment in order to market and publicize a longtime passion project of mine.
* **Computer Vision Engineer, OpenCV in Python Project**: Participated, tested, and contributed to a feature detection algorithm by detecting and matching hundreds of features in order to aid in academic
* environmental research and sustainability.
* **President, Music and Songwriting Club**: Created a 20-person school club in an effort to collaborate with other student musicians, as well as educate members on performance and songwriting.

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# EXPERIENCE

# Universal Music Group, Los Angeles, CA

June 2019 - January 2020

# Data Analyst for Media Informatics Initiative

* Augmented and audited thousands of creative metadata elements via Python/Excel scripts.
* Created an in-house metadata modeling application (d3.js) to visualize media statistics for partners (i.e Amazon, Facebook, Youtube Music) and music labels (i.e Interscope, Verve, Island).
* Saved thousands of dollars by educating global employees on how to execute smart queries through Google BigQuery.

# Western Washington University, Bellingham, WA

# March 2019 – June 2019

**Teaching Assistant for Mobile Device Programming (CS 412)**

* Analyzed, tested, and wrote try scripts for assessing students' Android programs
* Critiqued, and communicated user friendly interfaces for the class to create and implement
* Reviewed and educated problems students faced in regard to Android programming concepts; Answered questions on a daily basis

**City-Wide Fire Protection, Los Angeles, CA**

December 2012 - August 2015

**Technology Intern**

* Completed data entry tasks for ownership pertaining to scheduling and staffing jobs
* Developed company work schedules using online business software, Service Autopilot
* Executed projects pertaining to data integration