

# Martin A. Barker

Bachelor's of Science 2019

Computer Science/Cybersecurity - Oregon State University

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## Education

- Computer Science / Cybersecurity bachelor's degree; graduated June 2019.
- Student Engineer (paid) / DJ at [KBVR FM / TV](#). 2015 - 2019.

## Projects

- [RenderTune](#): Electron video rendering app published on [Mac](#), [Windows](#), [Linux](#) stores.
- [tagger.site](#): Web tool for generating timestamped tracklists / tags via files or Discogs API.
- [Vinyl2Digital](#): Python package [published](#) for automated vinyl digitization using Audacity.
- [martinbarker.me](#): Personal Node.js website with custom randomized css image colors.
- [Popularify](#): Node.js web app that sorts a Spotify artist's entire discography by Popularity.

## Technical Skills

- Expertise in front-end web development with React, HTML, Javascript, CSS, and Node.js
- Proficient in SRE and DevOps roles emphasizing component based scalable pipelines.
- Strong foundation in data structures and algorithms ensuring code clarity and ownership.
- Skilled in object-oriented programming languages, including Python, C#, and Java.
- Experienced in JavaScript web scraping and utilizing Puppeteer to automate tasks.

## Philips Ultrasound

- Senior DevOps Engineer February 2022 - Current.
- Managed CloudBees automation and pipelines for building / testing Ultrasound applications.
- Supported Ultrasound developers and led monthly build efficiency metric report meetings.
- [Led](#) the end-to-end migration / archive of Philips from IBM RTC to Azure DevOps.

## Alaska Airlines

- Software Developer Contractor role, September 2021 - November 2021
- Contract ended due to uncertainty involving the Omicron variant within the Airline Industry.
- Increased the accessibility score for Alaska Airlines web/mobile web products.

## Bungee Tech

- Software Engineer January 2020 - August 2021.
- Daily automated stealth web scraping, displaying 1 million+ rows of data on a webpage.
- Continuous integration, error alerts and health monitoring in AWS, PostgreSQL.

## Zume, Inc

- Devops Engineer (Software Engineer I) September 2019 - January 2020.
- Creating automated CI/CD build pipelines in GCP with Terraform / Spinnaker / Kubernetes.

## MoxiWorks

- QA Engineer Internship, writing Java test automation suites, June 2018 - August 2019.

## Ambitions

I am driven to redefine the ways people interact with and discover music, anchoring my efforts in ethical ethnomusicology to ensure fair recognition and compensation for all artists. I am passionate about continuing to improve my technical abilities and utilizing the latest tech.