

# Emma Cline Résumé

Full-stack Senior Software Engineer experienced with TypeScript, JavaScript, C#, Python.

Currently looking for remote Senior Software Engineer positions or positions based in Salt Lake City or Draper, Utah.

## Links

- [GitLab](#)
- [LinkedIn](#)
- [Twitter](#)
- [Blog](#)
- [Email](#)
- [PGP Key](#)

## Education

- University of Washington — B.S, Informatics, 2014
- DigiPen Institute of Technology — Computer Engineering, 2011

## Open Source Portfolio

### Discord Management Bot

Discord bots written in TypeScript for a Node.js environment. The bots are focused on specific functions that have focused permissions and are configured with JSON rather than monolithic web interface configured bots that require admin. It is comprised of a set of reusable mostly pure functions that are distributed as a library.

### ShareTube

Sharing a redundantly uploaded video using TypeScript, React, Redux, Browserify, ESLint

### dstruct

Data structures library for TypeScript

# Experience

## Freelance Software Engineer — Remote — June 2020 - Present

- A variety of contract positions focused on full stack web development

## Lead Senior Software Engineer II — **Humble Bundle** — Remote — March 2019 - June 2020

- Promoted from Senior Software Engineer to Lead Senior Software Engineer II over the course of my employment. Lead the platform team focused on site reliability engineering.
- Leading the internationalization project for an 8-year-old application with minimal prior internationalization efforts
- Worked with product to define a plan to optimize the user funnel for our monthly product
- Integrated an OAuth login system for Facebook and Google into our existing user system
- Planned a project to migrate all sessions to the newly required email or TOTP two-factor system
- Helped define standards for representing DateTimes, Money, and Percents in Python and JavaScript

## Lead Full Stack Software Engineer, **Committee for Children** — Seattle — Jan 2018 - June 2018

- Lead replacement of a legacy monolithic DNN platform over to using React and .NET Core
- Migrated user authentication to an OpenID identity provider(IdentityServer4)
- Incrementally rewrote a series of untested stored procedures into a modern C# WebAPI.

## Full Stack Software Engineer, **Trov** — Remote — July 2013 – Sept 2017

- Remote software development team where developers write unit and integration tests
- Constructed an on demand insurance platform for consumer items with C# & SQL
- Developed an app for managing claims and insuring items with React and Angular.js
- Built a business intelligence system for sending information to partners while respecting legal PII concerns using Python

## **Assistant Researcher, [UW Information School](#) — Remote — Jan 2013 – Oct 2013**

- Lead developer for a JavaScript library which abstracted cloud drive APIs like Dropbox and Google Drive
- Taught various UW masters students to use and contribute to the library

## **Software Engineer Intern, [PEAK6 Investments LP](#) — Remote — Sept 2012 – May 2013**

- Maintained legacy Java and Ruby on Rails stock trading apps

## **Web Instructor and Engineer, [UW IT](#) — Remote — Feb 2012 – Mar 2013**

- Taught modern web development standards to UW staff and students
- Developed internal applications to manage courses and support tickets

## **Software Engineer Intern, [PopShops.com](#) — Remote — June 2012 – Aug 2012**

- Scraped and normalized product information using Ruby and Java

## **Software Engineer Intern, [SmiteWorks](#) — Remote — June 2011 – Aug 2011**

- Built a C# app to import character data from competitors apps

## **Languages**

- TypeScript
- JavaScript
- C#
- Python
- HTML5/CSS3
- Bash
- SQL
- C

# Libraries & Frameworks

- Next.JS
- React
- Vue.js
- TailwindCSS
- PostCSS
- Flask
- ASP.NET MVC,
- Nancy (C# Flask)

# Tools

- VSCode
- Git
- ESLint
- Prettier
- Docker
- Kubernetes
- Yarn
- npm
- cmake
- gcc

# Database

- PostgreSQL
- Google Cloud Store
- Firebase
- MySQL
- MSSQL
- Elasticsearch

# Cloud Providers

- AWS
- GCE

- Azure
- Vercel
- DigitalOcean
- Cloudflare (workers & CDN)
- Akamai

## Architecture

- Object oriented design
- Functional programming
- REST API design
- Unit & integration Testing
- MVC