McKlyde Lagnada

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EDUCATION:

Bellevue College   September 2019 — 2020
  - Completed credits towards a BS in Computer Engineering

Bellevue High School — High School Diploma   September 2015 — 2019
  - 9 APs, graduated with honors.

WORK EXPERIENCE:

Code Coach — *Coder School, Bellevue, Washington*   January 2019 — Present

Taught coding lessons to students in middle/high school/college in group and one-on-one settings. Interacted with kids and parents and tracked/reported my students' progress.
  - I brought fun projects and games to the classroom that my students enjoyed doing.
  - Taught a variety of languages, mathematics, design, and basic IT skills

Web Developer — *Fanimal, Venice, California*   January 2020 — March 2020

A live events ticket exchange platform — fanimal.com
  - Developed and Maintained info and store page using React and Redux
  - Designed web pages with Bootstrap and SASS preprocessor

Dev lead & Tutor — Tutopoint, Seattle, Washington   December 2019 — Present

Tutoring platform by College Students — tutopoint.com
  - Created scalable structure for Backend using ExpressJS and MongoDB with cache between multiple nodes
  - Created CI/CD pipeline using Amazon AWS (CodeDeploy, S3 Buckets, and EC3)
  - Created OAuth login system with Email verification
  - Created browser based video call system using Redis server through AWS

Software Engineer — *Seattle, Washington*   October 2019 — January 2020

A music company that provides teaching material to students — *numberednotes.com*
  - Developed the iOS application from the ground up using Swift based on the web page version
  - Built/Maintained web app that uses the React Framework
  - Created translation automation tools from generic music notation to numbered note notations.

Freelance   July 2015 — Present
  - Produced and Designed web pages using PHP, and Laravel framework
  - Produced and maintained wordpress websites
  - Created microservices using C/C++ that interfaced with APIs

PERSONAL PROJECTS:

Self driving car
  - Reversed engineered CAN signals from Bosch & Toyota embedded systems.
  - Currently working on fabrication of converter plates for Bosch iBooster systems to fit in traditional vacuum boosted cars.

Keyboard project
  - Designed keyboard wiring, and layout in AutoCAD
  - Used Teensy (Arduino clone) microcontroller to program the keyboard

Mosachi
  - Reversed engineered gradebook api using MITM to create a gradebook calculator using Elixir, and Phoenix framework (MVC)

SKILLS:

Python	Java	NodeJS
Test automation	Erlang/Elixir	Git
Linux	Bash Scripting	SQL/NoSQL Databases