JUSTIN MASAYDA
Software Engineer

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EDUCATION
Certified Full Stack Software Engineer, Machine Learning Specialization
Holberton School Jan 2021 – Sep 2022

TECHNOLOGIES
Proficient with **Python** (TensorFlow/Keras, Pandas, Numpy), **JavaScript** (D3, JQuery), **C++, C, HTML/CSS, Git/GitHub, Docker, Vagrant, Bash, Ubuntu, VSCode, Flask**

Additional experience with **MySQL, Django, Node.js, Nginx, Apache, HAproxy, GraphQL, SSH, PostgreSQL, UFW**

PROJECTS
MockingBot │ Capstone project │ A generative adversarial network designed to generate original audio samples that mimic the training examples.
-Python, TensorFlow, Keras, Jupyter Notebook

Periodic Table of Harmony │ Personal project │ An interactive network graph of all possible scales in twelve-tone equal temperament.
-JavaScript, D3

Simple Shell │ School project │ A clone of the Dash command line shell from scratch. Use of the standard library was restricted.
-C, Linux syscalls

Semblance │ School group project │ A social web application designed to facilitate real-life relationships. Developed the backend, improved security, integrated GraphQL, and connected Sendgrid email service.
-Django, Docker, GraphQL

WORK EXPERIENCE
Piano Teacher (2017–2022) *Self-employed, Bristol, CT*
Increased instrument proficiency in over 45 students. Maximized student improvement and enjoyment through individually tailored curriculum. Managed scheduling, billing, and lesson plans.

General Contractor Assistant (2017) *Willndwiga Custom Renovations, Meriden, CT*
Prepared, organized, and transported work site equipment. Assisted construction services. Increased time efficiency by several hours per job.

Youth Leader & AV Technician (2016–2019) *Arsenal Student Ministries, Bristol, CT*
Maintained a safe and engaging environment for dozens of youth in and around Bristol, CT. Facilitated personal and life-skill development. Responsible for front-of-house engineering and audio recording.

SKILLS
Digital Signal Processing, Computer Networking, Software Design Patterns, Calculus, Statistics & Probability, Acoustics, Microsoft Office Suite, Music Production & Engineering, Jazz Piano, Piano Tuning