

JUSTIN MASAYDA

Full-Stack Software Engineer

Bristol, CT

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WORK EXPERIENCE

Software Developer - *Realized Solutions, Inc. Southington, CT (2023–Present)*

Designed and implemented updates to existing and new systems including web APIs, websites, and desktop applications according to business requirements. Revitalized legacy code with architectural, readability, and efficiency improvements. Regularly learned new systems and technologies in order to efficiently deliver solutions. Increased team process efficiency by leading team members in implementing automations into development workflow.

Freelance App Developer - *Self-employed, Bristol, CT (2023)*

Designed and developed mobile application for client, catering to their specific business needs. Collaborated closely with client to understand and document requirements, provide regular updates, and ensure satisfaction with results. Demonstrated ability to manage projects independently and under business constraints.

Piano Instructor - *Multiple studios, central CT (2016–2021)*

Developed curriculum tailored to students to instill a comprehensive musical skillset. Prepared dozens of students of all ages for performances, delivering regular progress updates to students and parents. Managed lesson planning and scheduling. Routinely utilized clear communication, patience, constructive feedback, and self-management skills.

PROJECTS

Hbnb | School project | An Airbnb clone. Developed across the stack. Demo at hbnb.fly.dev.

-Python, Flask, MySQL, JQuery, Nginx

Holberton File Downloader | Personal project | A cross-browser web extension which initialized school projects by scraping the school intranet for file names, creating and downloading them. Peaking at 51, it maintains dozens of weekly users 3 years after release and holds a 5-star rating with 250+ lifetime installs.

-JavaScript, HTML, CSS

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

Periodic Table of Harmony | Personal project | A static web page featuring 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. Implemented in C with extremely limited use of only the C standard library—virtually all functionality was implemented from scratch.

-C, Linux syscalls

EDUCATION

Certified Full Stack Software Engineer, Machine Learning Specialization

Holberton School (Jan 2021 – Oct 2022)

TECHNOLOGIES

Proficient with **Python** (Django, Flask, TensorFlow/Keras), **TypeScript & JavaScript** (SolidJS, D3, JQuery), **C++**, **C#** (ASP.NET), **SQL Server**, **HTML**, **CSS**, **Git/GitHub**, **Docker**, **Bash**, **Ubuntu**, **VSCode**

Additional experience with **Azure**, **GraphQL**, **Deno**, **Dart & Flutter**, **PostgreSQL**, **MySQL**, **Nginx**, **Node.js**, and others

ADDITIONAL SKILLS

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