

Patrick Kelly

Technical Skills

- Python, JavaScript, Golang, Solidity, Swift
- Django, Flask, Node.js
- Docker, AWS

ENGINEERING PROJECTS

Django Chord Generator (Python, Django)

- Implemented a Markov-chain based jazz chord progression generator.
- This project has been deployed live through heroku to help composers and musicians create and practice.

oneCommand (Golang)

- CLI tool to help save and recall series of commands
- Reduces time for CLI installation and git commits

LEADERSHIP and VOLUNTEER EXPERIENCE

OmniConnx London, UK Aug 2020 - Jan 2021

- Backend web engineering and design

The Phoenix Petaluma, CA Jan 2011 - Dec 2013

- String Instrument and Music Instructor
- Concert Management and Booking
- Stage Audio Tech

Aquis Cafe Community Outreach Petaluma, CA Jan 2011 - Dec 2018

- Jazz Director and Coordinator

The Menri Monastery Dolanji, Himachal Pradesh, India May-July 2015

- String Instrument and Music Instructor
- English Language Instructor
- Cultural Relations

HOBBY PROJECTS

- Ableton Live
- DIY Modular Synthesizer
- Raspberry pi/ Automate Everything

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Education

- Make School, San Francisco, CA
*B.S. Applied Computer Science
(expected Aug 2021)*
- Dominican University of California, San Rafael, CA
B.A. Humanities and Cultural Studies (May 2016)

Certifications

- Fortinet NSE 2 Security Expert Certification
- Fortinet NSE 1 Security Expert Certification

Additional Recognition

Theater Bay Area award for best ensemble: Love Sick The Musical
Berkley/Mountain View, CA
Stage Ensemble Musician
Nov 2015 - May 2016