

Patrick W. Delaney Python Flask Developer

- Visionary developer with B.S.C.E (UMN, '08), wide experience in machine learning, software development and IoT. +1 (612) 876 5312 patdel.com
- National reputation in tech community organizing, wide recognition as technical founder, patrick.del @ gmail.com

Recent Software Development Experience

FOUNDER, ARCHITECT • CONFRNZ, LLC • Minneapolis, MN • 2017-Present

confrnz.com • 100% codebase owner from start, 2000+ users. • Video sharing app, has passwordless login, chat, user types, server data logging, as well as back end control panel with many layout options. • Ruby on Rails, JQuery, Javascript, CSS, HTML, Bitbucket Pipeline, Continuous Integration, Heroku/Postgres, AWS, Cloudfront, SSL, S3, Sparkpost, Bootstrap, PDFCrowd and Devops with NewRelic. Managed 5 contractor developers over three years.

FOUNDER, CEO • KCONFS, LLC • Minneapolis, MN • 2017-Present

kconfs.com • Jekyll hosted static main page on S3, links to several Wordpress pages • Wordpress pages top ranked in their industry niche. Digital Ocean, SSL, Cloudflare. • Respected reputation among developers having founded, designed and built the world's largest machine learning and Internet of Things workshop from 2017-2020 which included sessions and programming from NVidia, Google, AWS, Microsoft, Intel and more. Used Jupyter, Google Colab, RPi, Arduino, Python, C++, Javascript and more.

SELECTED CONSULTING PROJECTS • Minneapolis, MN • 2016-Present

Dynamic Text Generator • github.com/pwdel/srcflask • Docker, Flask, SQL, SQLAlchemy, GPT2
Time Series Data Lake • patdel.com/time-series-data-lake/ • MongoDB, JSON, Data Architecture, API
Retail People Counter • patdel.com/people-count/ • IoT, Image Recognition, Matlab, Python, Fintech
GPS Spoof Detection • patdel.com/gps-spoof-detection/ • Machine Learning, Statistics, Signals, IoT

Previous Work 2004 - 2015

United Health Group Entrepreneur in Residence (2015). • Samsung Rep Company Semiconductor Sales Engineer (2014). • Manutech Magnetics Engineer and US General Manager (2013-2014) • Lumifluent Optical Research Engineer (2012-2013) • Solar Ninja Founder (2010-2012) • Eastek International China Facilities Program Manager (2009-2010) • Schenck Vision Optical Engineer (2008-2009) • Own Landscaping Company (2005-2008) • ATK Business Development Intern 2004-2005

Education

B.S.C.E. University of Minnesota '08. IEEE Member.
Alumni Society Award. 1 of 2 Students on Stage

Awards

Daimler Chrysler Global Engineering Award • Nankai University, Challenge Cup • USPTO Collegiate Inventor