

Patrick W. Delaney IoT Community Organizer

- Established reputation in IoT community development, 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.
- Visionary developer with B.S.C.E (UMN, '08), deep experience in IoT and machine learning development and trends.
- Wide ranging portfolio of software development, tech community organizing and enterprise tech strategy work.

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Software & Hardware Areas of Expertise

FRONT END

javascript, html, css, jekyll, bootstrap, npm, chrome-dev-tools

BACK END / ML

Matlab, Python, C++, ruby-on-rails, numpy, pandas, statistical analysis, image recognition, SQL, lambda, scipy, LaTeX

DEVOPS / DATA

Git, Github, Bitbucket, aws, s3, heroku, ssl, digital ocean, linux, raspberry pi, ubuntu, debian, ec2, cloudfront. Postgres, mongodb, dynamodb, sqllite,

HARDWARE

eaglecad.de, Power Electronics design, circuit design, soldering & prototyping, PCB design, coil design, optical design, freeCAD, openscad, CNC milling, plastic injection molding design principles

Selected Work Experience

TEACHING

Guest Lecturer on IoT & ML • 2020 • University of Minnesota Technological Leadership Institute

CONSULTING

IoT, Dev & Strategy • 2016-Present • Cyient, Wells Fargo, Land O' Lakes, Swedish Hydrological and Meteorological Institute, and smaller clients.

OWN STARTUPS

Knowledge Conferences 2016-Present. Software workshops and conferences. • Confrnz 2017-Present Streaming Conferences. • The Solar Ninja - 2010-2012, Solar-LED, Mobile Phone Charger

PREVIOUS

UHG Entrepreneur in Residence 2015 • Samsung Semiconductor BDM 2013-2014 • Coil Engineer 2012-2013 • LED Product Design 2010-2012 • Shenzhen Manufacturing 2009-2010 • Optical Engineer 2008-2009

Education

DEGREE

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

MATH STUDIED

Linear Algebra, Statistical Methods, Signal Processing, Control Systems, Multivariate Calculus, Stochastic Processing, SVM, NN, Clustering

Other

AWARDS

Daimler Chrysler Mondialogo Global Engineering Award • Nankai University, Tianjin China, Challenge Cup • USPTO Collegiate Inventor Finalist

CULTURE

Worked in China > 1 year cumulatively, speak limited Chinese. Worked in India and have been 4 times, consulted for an Indian company. Speak Spanish.