

Patrick W. Delaney Machine Learning Developer

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

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Software 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

Git, Github, Bitbucket, aws, s3, heroku, ssl, digital ocean, linux, raspberry pi, ubuntu, debian, ec2, cloud front

DATABASES

Postgres, mongodb, dynamodb, sqlite,

Selected Work Experience

TEACHING

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

CONSULTING

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

STARTUPS

Knowledge Conferences 2016-Present. Software workshops and conferences. • Confrnz 2017-Present. Ruby on Rails Based Online Conference Software.

PREVIOUS

UHG Entrepreneur in Residence 2015 • Samsung Semiconductor BDM 2013-2014 • Various Engineering & Design Roles 2008-2012

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.