

Ajay Jain

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SF Bay Area • US Citizen

EDUCATION

MIT

December 2019

HackMIT (MIT TechX)
Machine Learning Club
Sloan Business Club (SBC)
Coursework

B.S., Computer Science

Minor in Statistics and Data Science

Organizer of 1000 person Fall 2016 hackathon
ML/Deep Learning reading group (Machine Intelligence Community)
Member of entrepreneurship initiative
Machine Learning, Algorithms, Computation Structures, Linguistics,
Discrete Math, Linear Algebra, Statistics and Probability, Making

EXPERIENCE

Kensho Technologies

Jan 2017 – Feb 2017

Software Engineering Intern

Juniper Networks

Jun 2016 – Aug 2016

Software Engineering Intern

Built intelligent support ticket routing system for faster issue resolution,
\$2-3M savings when fully deployed

Trained, tuned and deployed many-class text classification pipeline on
Scikit-learn, word2vec

Analyzed 6 years of textual cases, generated corpora and labelled data
for deep learning (RNN, CNN on Tensorflow)

Developed versatile natural language cleaning package on NLTK

Built single-page web application in Python, Flask for system

MIT MSEAS Laboratory

Jun 2015 – Aug 2015

Research Scholar (Research Science Institute)

Fully funded summer research fellowship at MIT, selected as one of
52 scholars, out of over 1000 applicants

Improved, profiled parallel ocean robot path-planning algorithm

Pattern detection/visualization for ocean current data in Matlab

Naval Postgraduate School

Jun 2014 – Mar 2015

Robotics Researcher

Wrote distributed robot swarm control software in Python on a
master/slave, pub-sub model

Built automated robot swarm analysis and simulation toolkit

Goalbook

Jun 2012 – Aug 2012

Software Engineering Intern

\$1M venture funded educational technology startup

Created JavaScript student progress charting library on D3.js

SELECTED PROJECTS

RunningMate (2016) An ankle-mounted device for controlling music and actions on a companion phone.

Robotic Nurse (2014) Autonomous medical delivery and monitoring robot, with Python navigation stack.

Spruce (2013) Node.js web app to improve student reading comprehension. Spoke at Disrupt 2013.

SELECTED AWARDS

Hackathon awards Champion, TechCrunch Disrupt Hackathon · Best Education App, Tata Collaboration · Best Hack, AT&T Autism Speaks Hackathon · Best Hack, Connected Car Hackathon

Research awards AIAA Intelligent Systems Award · Innovation Award, Morgan Lewis · Intel STS Semifinalist · Best Project, US Coast Guard and Navy