

MELISSA HARRISON

Your next desired role?

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Chennai

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EXPERIENCE

Data Engineer

Hudson PLC

2016 - Ongoing Chennai

Hudson PLC is an online payments solution that offers secure payments across boundaries.

- Worked as 2nd MWD Engineer under training in Khaldi Pet.
- Developed a 6th App Store ranked health app
- Established ~ 100 FTE mainframe competency
- 15+ Data Scientists from 4 agile autonomous teams got the data which they need to forecast sales and demand.
- Reached 300% increase in time to create and complete an ETL spec

Data Engineering Intern

Boyle Ltd

2012 - 2016 Chennai

Boyle Ltd is a Khosla Ventures backed startup focusing on behavioral mental health care.

- Increased revenue by 10% with new product lines in Engineering
- Managed L2 support team on a 24/7 schedule.
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- Introduced several reusable generic Talend systems that allowed saves up to 50% on development time.

Data Engineer

Streich

2011 - 2012 Chennai

Streich is a biotechnology company based in San Francisco that has developed technology to sequence the human microbiomes.

- Automated ETL processes, making it easier to wrangle data and reducing time by as much as 40%.
- Delivered high performing streaming data solution with 300X improved performance for compliance product
- Managed a team of 5 technical consultants and 2 business consultants
- Automated ETL processes, making it easier to wrangle data and reducing time by as much as 40%.

Data Engineering Intern

Torphy

2008 - 2011 Chennai

Torphy is a Series B, Khosla Ventures startup with 28M in funding.

- Performed Data Migration from Amazon S3 to Amazon Redshift.
- Managed delivery of \$1.8 million development work annually
- Developed a 6th App Store ranked health app
- Reduced overall team spending by \$600,000 a year with dynamic resource allocation and flagging.

ACHIEVEMENTS



Former PMP

- Program managed global multi-organizational projects over \$200M and with \$1B revenue.



Client Relations

- Fortune 100 CEO to Entrepreneur.
- Increased Gross Profit by 203%.
- Saved a client \$1M in federal taxes and from going out of business.



CRM - Infusionsoft

- Created a campaign with multiple apps that would sort leads via zip code and send a real-time email & SMS to the nearest sales rep.

LANGUAGES

Arabic

Native



English

Proficient



French

Native



STRENGTHS



Communication Skills

During my English language classes, I realized how important it was to use the right words to communicate better. Learning this was intuitive to me and it has enabled me to succeed on many fronts.

EDUCATION

Bachelor's in Electronics & Communications

Acharya Nagarjuna University

2006 - Ongoing

GPA

3.66 / 4.0

BBA Risk Management and Insurance

University of Georgia: Terry College of Business

2003 - 2006

GPA

3.4 / 4.0

PROJECTS

Summative Peer Review of Teaching

12/2018 - 01/2019 UNSW, Sydney

<https://peerreview.unsw.edu.au>

An online tool to facilitate end-to-end process of Peer Review of Teaching for UNSW staff members.

- Built with Django and React the application provides end-to-end support for booking, scheduling and conducting Peer Reviews of Teaching for UNSW academic staff
- Leverages Microsoft Graph API to extract staff calendar data to schedule reviews

Convolutional Neural Network Based Emotions Recognition System

05/2018 - 06/2018 UNSW, Sydney

<https://github.com/vnihit/CNN-Emotions-Recognition>

A CNN based emotions recognition system, built with Scikit-Learn, Tensorflow and OpenCV -

- High degree of accuracy (86%) and confidence for real-time emotions recognition
- Potential applications in - Behavioural analysis, real time analysis of customer satisfaction in retail settings, automatic photography