

Ishmeet Grewal

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EXPERIENCE

Accenture Labs — *Technology R&D Specialist*

DECEMBER 2017 - PRESENT, SAN FRANCISCO, CA

Led the effort to design and develop an innovative solution for Engineering Data Digitization (EDD), an AI based automated process for digitizing engineering documents and integrating them to create a knowledge graph.

Designed a scalable technical solution architecture for the full stack EDD service (patent pending) leveraging cutting edge AI technologies and Accenture Insights Platform Model Management.

Developed computer vision models for data extraction from engineering diagrams and implemented scalable prototype solution leveraging for client pilots.

Supported multiple client opportunities for model lifecycle management and solutioned scalable architectures for implementing best practices in the analytics workflow.

Accenture Labs — *Senior Research Analyst*

SEPTEMBER 2016 - DECEMBER 2017, SAN FRANCISCO, CA

Lead developer responsible for developing a comprehensive strategy for Automated Analytics at Scale for large enterprises.

Designed a full stack technical architecture for automating analytical model lifecycle management and led development from prototype to production resulting in client win of \$24M.

Presented a strategy for Model Management at peer reviewed conferences (Strata San Jose, Strata Singapore) and supported various client facing applicability conversations and pilots.

Roots Up — *Software Engineer*

JULY 2015 – SEPTEMBER 2016, COLUMBUS, OH

Designed and implemented hardware and software control systems to automate production of high-yield, hyperlocal food without the economic cost and environmental impact of traditional farming.

JPMorgan & Chase Co — *Application Developer Intern*

JUNE 2015 - SEPTEMBER 2015, COLUMBUS, OH

Used JavaScript and in-house frameworks to develop critical customer facing applications for the Chase Mobile Web team.

GE Aviation — *Information Technology Leadership Program Intern*

MAY 2014 - AUGUST 2014, CINCINNATI, OH

Redesigned internal support website using modern web development technologies. Delivered a report creation functionality for a Product Lifecycle Management tool according to business requirements.

EDUCATION

Ohio State University

2012 - 2016, Columbus, OH
B.S. Computer Science and Engineering.

GPA: 3.71/4.00

Canfield High School

2008 - 2012, Canfield, OH
Valedictorian, Honors Diploma.

GPA: 4.00/4.00

SKILLS

Technical

Python, Java, R
Git
Docker
AWS
JavaScript
NodeJS
AngularJS
MongoDB
Tensorflow
Swift
Android
React Native

Functional

Full Stack Software Development
Infrastructure Operations
Software Configuration
Management
Application Architecture Design
CI/CD
Product Management
Restful API Design

Industry Experience

Oil and Gas
Healthcare
Telecommunications
Energy Distribution
Banking