JAY PATEL

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Education:

MS in Computer Science	**San Diego, CA**
San Diego State University	(2019-2021)
GPA – 3.88 / 4.00	

BE in Information Technology	**Ahmedabad, IND**
Government Engineering College	(2015-2019)
CGPA – 8.57 / 10.00	

Internship:

- ➢ **Way To Web** — **Ahmedabad, IND**
  Trainee Engineer — (July 2018)
  Semester – 6th — (2 weeks)
  - Learned Practical implementation of PHP for developing websites using PhpMyAdmin. Also learned how to develop Dynamic Live Websites and E-Commerce Websites using WordPress.

Academic Projects:

- ➢ **SpreadSheet** (Dec 2019)
  Prof. – Roger Whitney
  - Implemented spreadsheet that can evaluate postfix mathematical expression using Interpreter Design Pattern, also removed circular dependency between cells. Implemented UNDO using Memento Design Pattern, and using Observer Pattern added functionality for updating dependent cells at a time.

- ➢ **Pull Request Predictor** (Dec 2019)
  Prof. – Xiaobai Liu
  - Achieved 95% accuracy for predicting whether a pull request will get merged into the master branch or not, using different Machine Learning Models.

- ➢ **Iceberg Classification With Deep Learning** (Dec 2018)
  Semester – 7th
  Guide : Prof. Prashant Chaudhari, IT Department
  - Used Neural Network to design Deep Learning algorithm for detecting whether the satellite image is showing a ship or an iceberg and achieved Training set accuracy of 82%.

Skills:

Programming	:	C, C++, Java, PHP, Python
Development Libraries	:	HTML, CSS, JavaScript, SASS, React, jQuery, Bootstrap, Node.js, GraphQL, MongoDB
Learning	:	Design Patterns, AWS, Machine Learning