Kiran Gadhave

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EDUCATION

- **The University of Utah** — Salt Lake City, UT
  Master of Science in Computer Science — *Aug. 2017 – Present*
  - **Courses**: Advanced Algorithms, Natural Language Processing, Machine Learning
- **University of Mumbai** — Mumbai, India
  Bachelor of Engineering in Mechanical Engineering; Percentage: 72% (Class Rank: 10/120) — *2011 – 2015*

SKILL

- **Languages**: Python, C#, C++, Java, JavaScript, Typescript

- **Technologies**: pandas, sklearn, .NET framework, SQL databases

- **Natural Languages**: English, Marathi, Hindi, German(Basic)

EXPERIENCE

- **Cadsol Services** — Mumbai, India
  Software Engineer — *July 2015 - March 2017*
  - **Product Configurators**: Product Configurator(PC) is a specialized software used by manufacturing firms to create Computer Aided Drawings of models without requiring specialized knowledge of CAD Tools.
    * Developed PC interfacing with CAD softwares viz. Solidworks, Autodesk Inventor using APIs.
    * Developed user interfaces in WPF to minimize training required for development of complicated drawings.
  - **Inventory Master**: Led the development of:
    * Inventory management system for SMEs to manage their raw material and processed goods on production line.
    * Tools & schema for very large data storage and retrieval over local MySQL server for 100 simultaneous users.
    * Fast composite text search tool to search through descriptions of all legacy and new items in inventory.
    * Tools to clean, process and migrate legacy data from excel files into the database.
    * Communication system for departments to communicate the status/requirement of items in inventory.
    * Feature to add formulas with dynamic retrieval of variables from database based on item selection.
  - **Browser based CAD tool**:
    * Developed a browser based 3D modeling tool for designing clean room layouts for hospitals using threeJS library.
    * Ability to export the layout to CAD software directly.

PROJECTS

- **Event Extraction**: Developed as project for Natural Language Processing course. Created a program to extract details of terrorist events from given news article.
- **Twitter Spambot Detection**: Developed as a project for Machine Learning course. Trained and compared performance of multiple classifiers over twitter data to identify spambots.

AWARDS

- **Sir Ratan Tata Trust Scholarship**: Was awarded Sir Ratan Tata Trust Scholarship in the academic year 2012-2013 for excellent performance in my undergraduate curriculum.

EXTRA-CURRICULAR ACTIVITES

- **Team Captain for undergraduate racing team**: Lead the undergraduate college team in designing and fabricating an cost-effective All-Terrain Vehicle using computer simulations to minimize errors during fabrication. This was done for a national level engineering competition organized by Society of Automobile Engineers(SAE).
- **Volunteer Teacher**: Taught high school physics, chemistry and mathematics to students who couldn't attend high school due to financial constraints. Many of these students went on to give the required board exams and get a high school degree.