Abhinav Gupta
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EDUCATION

International Technological University   **San Jose, CA**
Master of Science in Engineering Management, May 2018, GPA: 3.20
- Relevant Coursework: Introduction to Data Science, Big Data, R Programming, Information Systems Management, Cloud Computing Management

University of North Dakota   **Grand Forks, ND**
Bachelor of Science in Mechanical Engineering, May 2015, GPA: 3.0
- NASA Robotic Mining Competition (Lunabotics)
    - Lead a team of 11 to design a specialized mining robot to advance NASA's efforts on MARS surface exploration.
    - Used programming languages like MATLAB and C++ for integrating the Robot to Xbox Kinect and Lidar for the purpose of object detection and mapping.
    - Designed complex physical components using mechanical engineering tools like CREO Parametric and ANSYS

University at Buffalo   **Buffalo, NY**
Aerospace and Mechanical Engineering coursework (Aug 2009 – May 2013) (Transferred to University of North Dakota)
- Club Membership: Theta Tau (Co-ed Engineering Fraternity), ASME, UB SEDS
- Designed rocker bogie mechanism of a lunar rover and developed it's parts using 3D-printer.
- Recognized for academic excellence in 1st year for developing complex product design for 'Reach and Grab' tool

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EXPERIENCE

2015-2016 **Wells Fargo (through Pro-Tek Consulting)**   **San Francisco, CA**
Web Developer
- Managed the transformation of bank's admin web pages from static to responsive web design with additional functionality making them more user-friendly and accessible across all types of devices; technology used - Bootstrap, JQuery and JS
- Led a team of 8 across US, India and Costa Rica to develop a new module to generate user-specific internal reports; technology used - MS server, TOAD, SQL, Angularjs
- Collaborated with data analysis team and generated insights from large amount of data that helped leadership make promotional decisions leading to potential 10% increase in revenue through online transactions.
- Developed offline solution using MVC (Model View Controller) approach for offline data input by bank managers accessing the vault; implementation helped bank improve process efficiency and eliminate the probability of data input error.
- Managed complete re-coding of Wells Fargo's store profile application replacing controls from server-side to client-side using jQuery; was recognized for delivering the project in record time.

2013-2015 **University of North Dakota**   **Grand Forks, ND**
Energetics Student Assistant
- Selected to serve as student assistant to analyze ~500 resources related to Energetics donated by Ann and Norman Hoffman.
- Developed physical and digital catalogues of the resources and was responsible for adding them to the Energetics collection in University's library database

2010-2013 **University at Buffalo Libraries**   **Buffalo, NY**
Student Coordinator
- Promoted from Student Assistant to Student Coordinator within a year
- Developed training material for new student assistants on both technical and general circulation operations which increased customer service satisfaction; Mentored 5 student assistants

- Supervised student assistants and monitored overall library operations in absence of manager.
- Single point of contact for registration of 'courtesy borrower' users into library's Aleph system.
- Recognized for resolving patron's concerns in a friendly and professional manner while adhering to library policies for 2 consecutive years

2011-2012 **Campus Entertainment**   **Buffalo, NY**
Microsoft Windows Student Liaison
- Increased brand awareness and product visibility for Microsoft products using social networking websites as primary social media outlets.
- Conducted workshops for over 400 students to Introduce Windows 8 OS and MS Office 365 providing hands-on demonstrations at popular sites around campus.

2011-2011 **University at Buffalo Medical Department**   **Buffalo, NY**
Student Assistant Intern
- Assessed Medical department's technology needs across 7 locations; generated detailed analysis and reports that helped the department in estimating procurement adequately.
- Provided IT support to faculty and staff

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LEADERSHIP AND COMMUNITY INVOLVEMENT

2015-Present **Resource Area for Teaching (RAFT)**
Non-profit organization focused on hands-on teaching
- Active volunteer for RAFT to assemble, build and test low-cost teaching-aid kits for students

2013-Present **Children's International**
Charitable organization aimed towards helping underprivileged children in developing nations
- Provided financial sponsorship for children residing in countries such as Cambodia to arrange food, education and shelter for them

2009-2012 **Habitat for Humanity**
Non-profit organization focused on transforming lives and community of low-income families
- Volunteered man-hours to construct affordable housing for underprivileged families at Buffalo

2010-2011 **UB Getting Dirty**
University at Buffalo's initiative to clean the city of Buffalo
- Organized weekly cleaning drives while supporting university's initiative in making Buffalo a better place to live

2008-2009 **Help-Age India**
Non-profit organization aimed at providing health care to senior citizens
- Organized fun events for senior citizens over weekends helping them connect with their families and lifting their spirits.

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SKILLS PROFILE

- **Web Technologies:** JSP, HTML, XML, CSS, JavaScript, AngularJS, AJAX
- **Database Technologies:** Oracle 11g, SQL Server, MySQL, MS Access
- **Operating Systems:** Unix (Red Hat Linux) and Windows
- **IDE:** Dreamweaver, Eclipse, JetBrains Webstorm, Visual Studio, Notepad++, IntelliJ, R Studio, Xcode, BlueJ, PyCharm
- **Programming Languages:** C#, C++, SQL, R, Python
- **Software Packages:** AutoCAD, APEX, Visual Studio 2015, MATLAB, Macromedia Flash, Macromedia Dreamweaver, Quest TOAD.

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AWARDS & ACTIVITIES
- Received STAR recognition (2015-2016) at Wells Fargo for demonstrating innovation and teamwork
- Successfully completed Ground training for commercial pilot license and received certification.
- Trained in Karate for 7 years and received 2nd degree black belt
- Was an active member of International student body at University at Buffalo. Organized orientation sessions for incoming international students for 3 consecutive years
- Participated in district and state level high school soccer matches.
- Fluent in English, Hindi and Marathi