Manan Patel

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www.MananVPatel.com

EDUCATION

PENN STATE UNIVERSITY
BS in Computer Science
Expected May 2017 | Erie, PA
Minor: Management Information Systems
Cum. GPA: 3.00 / 4.0

UNIVERSITY OF PITTSBURGH
Study of Biology
May 2012 - May 2014 | Johnstown, PA
College of Arts Sciences

LINKS

Github:// MananVPatel
LinkedIn:// manan-patel
Portfolio:// MananVPatel

COURSEWORK

UNDERGRADUATE
Programming Language Concepts
Operating Systems
Computer Architecture
Data Structures & Algorithms
Object Oriented Principles
Net-Centric Computing
Android Development
Artificial Intelligence

SKILLS

PROGRAMMING
Proficient in:
• Java • Shell • JavaScript • JQuery
• HTML • CSS • C • C++ • C# • LaTeX
Familiar with:
• Android • MySQL • Node.js • Python
• Amazon Web Services (AWS) • Git
Operating Systems
• GNU/Linux • UNIX

LANGUAGES:
Proficient in:
• English
• Hindi
• Gujarati

HACKATHONS

WINNER
Won two challenges at
HackPSU (Fall 2016):
• IBM Watson challenge
• Optum Challenge

PROJECTS

ORGANIZATIONAL EFFICIENCY (SENIOR PROJECT)
- Creating a web application which pulls project/organization data from GitHub and analyzes it using machine learning. The analyzed data is then displayed on the web application for the management personnel to evaluate team members that are placed on a certain project based on their performance statistics pulled from GitHub. This tool will be used for hiring and team formation purposes.

CLASSIC SANSKIRIT APP
- Built and implemented a multi-screen Sanskirit learning app that enables users to learn basic Sanskirit words, numbers, phrases, and colors by using intents, external libraries, interfaces, event listeners, and custom classes. Furthermore, each of the categories are implemented using listview and custom arrayAdapters that recycles views to enhance response time.

PEBBLE ACTIVITY WATCH APP (PACT)
- Created a smart watch app using AccuWeather API and IBM Watson's Natural Language Processing API in order to display optimal times throughout the day for outdoor activity based on a verbal query made by the user. The application is hosted on IBM's Bluemix cloud platform.

EXPERIENCE

RESIDENT ASSISTANT | Penn State Erie, The Behrend College
August 2016 – May 2017 | Erie, PA
- Made a positive impact on the community by constructing educational, social, recreational, and cultural programs.
- Served as a visible campus leader, employee and representative of the Office of Residence Life and Penn State Erie, The Behrend College.
- Became a resource to the residents and counsel them regarding academic and personal concerns.

TEACHING ASSISTANT | Penn State Erie, The Behrend College
Fall 2015 – Spring 2016 | Erie, PA
- Assisted students with questions and concerns regarding labs and homework assignments.
- Followed the Penn State grading policy to correctly award points for assignments and labs.
- Collaborated with the professor for future assignments.

AWARDS & HONORS

• Deans List	Penn State University	2014-2016
• Frank S. Palkovic Scholarship	Penn State University	2014-2016

SOCIETIES

• Association for Computing Machinery(ACM)	Active Member	2014
• National Society of Leadership & Success(NSLS)	Inducted Member	2014
• Behrend Benefitting THON & Penn State THON	Committee Member	2014
• Multicultural Council	Active Member	2014