

# NITIKA KHURANA

## Full-Stack developer & Artist

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## EDUCATION

### M.S. in Computer Science

#### University of Maryland, Baltimore County

📅 Expected May 2018    📍 Baltimore, MD

GPA: 4.0

### B.Tech. in Computer Science

#### Guru Gobind Singh Indraprastha University

📅 Graduated in 2013    📍 Delhi, India

GPA: 4.0

## EXPERIENCE

### Web Editor

#### Center for Hybrid Multicore Productivity Research(CHMPR), UMBC

📅 Sep 2016 – Ongoing    📍 Baltimore, Maryland

- Maintaining the CHMPR laboratory website in WordPress

### Senior Systems Engineer

#### Infosys Ltd.

📅 Oct 2013 – Jul 2016    📍 Chandigarh, India

- Worked as a senior programmer in the banking and financial domain for fortune 500 clients
- Designed and maintained an application to issue virtual credit cards to customers and set up funding accounts through which payments will be made using HTML5, CSS, jQuery, and Spring MVC framework
- Implemented data service calls through Data Power (SOAP/WSDL) and Data Access Object (DAO) for efficient data retrieval from the database and analyzed the reported data using Splunk
- Designed and implemented a 'Feedback Portal' for the application and provided multi-lingual support
- Imbued sound technical as well as functional knowledge of Agile business processes and their implementations
- Organized offshore-onshore calls among the teams and drove scrum calls with Quality Assurance team

### Project Intern

#### HT Media Ltd

📅 Jun 2012 – Aug 2012    📍 Delhi, India

- Worked with industry experts on a live project dealing with inventory management and tracking
- Developed a server – side application for the organization to track the inventories allocated to its employees

### Summer Intern

#### CMC Ltd.

📅 May 2011 – Jun 2011    📍 Delhi, India

- Developed a JAVA application 'Library Management System' to track the books and resource materials available in the college library with an additional functionality to auto generate a late return fee

## COMPUTER SKILLS

**Computer Languages:** Java, Python, JavaScript, PHP(Beginner)

**Web Technologies/Frameworks:** HTML5, CSS3(LESS/SASS), jQuery, AJAX, AngularJS, Bootstrap, JSON, Node.js, Hibernate, Tomcat

**Databases:** MySQL, MS SQL, Hadoop(Beginner)

**Operating Systems:** Windows, Linux, Android

**Professional Applications:** GIT/GITHUB, SVN, RALLY, REST, MS Office, Juniper, WordPress

**Technical Concepts:** Agile Methodologies, SDLC, Cloud computing, Project Management, Google API

## PROJECTS & RESEARCH

### New Eleusis – UMBC, 2016

Implemented a card game to identify the rule set forth by the dealer using the concepts of Artificial Intelligence and Machine Learning; achieved accuracy of over 90%.

### Ricochet Robots – UMBC, 2016

Solved the problem of Ricochet robots; to find the shortest route to the destination hampered by roadblocks using informed/uninformed search algorithms

### Intent Mining on Amazon Review Data for detecting Fake Reviews – UMBC, 2016

Analyzed the overall sentiment of Amazon Reviews using big data analytics and machine learning methodologies to gain useful insights about the quality of amazon reviews

### Performance Modeling and Comparison of Distributed Scheduling Algorithms – GGSIPU, 2008

Developed a research cum development project that aimed at analysis and evaluation of master-slave architecture based distributed algorithms

### Cross - Lingual Information Retrieval System – GGSIPU, 2007

Designed an application in C# that entitled users to access documents written in any language other than his native language using query translation and dictionary-based techniques and provided an interface for text to speech retrieval