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**MANTHAN SHAH**  
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## EDUCATION

<b>Tempe, AZ</b> Master of Science in Computer Science	<b>Arizona State University</b>	<b>Aug 2013 – May 2015</b> GPA – 3.45
<b>Mumbai, Maharashtra</b> Bachelor of Engineering in Computer Engineering	<b>University of Mumbai</b>	<b>Aug 2009 – May 2013</b> GPA – 3.67

## EXPERIENCE

<b>Kansas City, MO</b> Software Engineer, EDI Transactions	<b>Cerner Corporation</b>	<b>JUL 2015–PRESENT</b>
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- Working on development of various EDI services like credit/debit card processing, insurance claims processing, etc. using technologies such as Spring boot, IBM websphere.
- Provided clients with functionalities to perform prod/non-prod testing against couple of services by implementing the infrastructure required for it.
- Automated the process of generating and emailing the monthly financial reports for various services, used for billing, by developing an application using spring boot.
- Collaborated to develop global address verification and validation service from ground up.

<b>Chandler, AZ</b> Software Engineering Intern, Seneca	<b>Marvell Technology Group</b>	<b>Mar 2015–May 2015</b>
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- Worked on Seneca, a software for analyzing circuit marginality data which helps engineers to understand silicon characteristics across various data and parameters in the form of charts.
- Implemented a service to obtain various frequencies depending on the encoded software settings.
- Implemented a reaping thread to keep the cache updated by removing the data which was not recently used.

<b>Tempe, AZ</b> Assistantship	<b>Arizona State University</b>	<b>SEP 2014-DEC 2014</b>
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- Assisted Prof. Ashish Amresh in an educational project, by developing an interactive android game application, It educates the people about Photo Voltaic Systems to obtain usable solar power.
- Game consists of multiple levels, each consisting of score, based on time spent and number of hints used.

<b>Fort Lauderdale, FL</b> Software Engineering Intern, ShareFile	<b>Citrix Inc.</b>	<b>JUN 2014-AUG 2014</b>
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- Worked on ShareFile-Windows Version, a software to securely store, synchronize and transfer data, like dropbox.
- Automated the process of BVT for synchronization of files/folders between local hard disk and cloud storage.
- Reduced the time for testing by configuring it to run on all versions of Windows OS simultaneously using VM's.

## PROJECTS

### Secure Online Banking System - Java, Jsp, JavaScript, SQL, HTML, CSS

- Collaborated to develop secure online banking web application using Spring MVC and hibernate.
- Implemented one time pad security feature and credit/debit functionality.

### Mini Search Engine - Java

- Implemented an efficient information retrieval system based on Lucene library.
- It provides most similar documents to the user's query by using various algorithms such as page rank, tf-idf etc.

### Course Recommender – Java PHP, SQL, HTML, CSS

- Developed an android and web application which recommends various courses to the fresher's at ASU, based on their interest.
- It also allows them to save and share their intended plan of study with others.

### Login Store – Java

- Developed a Credentials Manager android application to store and backup all the login credentials at one place.
- It consists of time based lock code to open the application, keeping user free from remembering any password.

## TECHNICAL SKILLS

- Java, C#, SQL, C++, HTML, PHP, CSS, JavaScript, Jsp.
- Eclipse, IBM WebSphere, Android Studio, Visual Studio, MS SQL Server, Oracle, MATLAB.