

# MANSI MEHTA

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## EDUCATION

<b>University of Georgia</b>	<b>Expected Graduation: May 2020</b>
Master of Science - Computer Science	GPA: 3.92/4.00
<b>University of Mumbai, India</b>	<b>May 2018</b>
Bachelor of Science - Computer Science & Engineering	GPA: 7.56/10.00

## SKILLS

<b>Programming Languages:</b>	Java
<b>Web Development:</b>	HTML5, CSS3, Bootstrap3, JavaScript, jQuery, D3.js
<b>Databases:</b>	MySQL, AWS-RDS, AWS-Dynamo DB, MongoDB, Firebase, PostgreSQL,
<b>Applications and Tools:</b>	Eclipse, Git, JIRA, Prezi, WordPress, Microsoft Office, Adobe
<b>Operating Systems:</b>	Windows, Linux, Ubuntu, Android

## PROFESSIONAL EXPERIENCE:

<b>University of Georgia -Complex Carbohydrate Research Center - Full Stack Web Developer</b>	<b>January 2019-Present</b>
<ul style="list-style-type: none"><li>Translated design team mock-ups into responsive and interactive features</li><li>Formulated dynamic data on the website which aids direct interaction with the SVG Image for quick insights for users</li><li>Incorporated visual aids like charts and graphs using d3.js(Data Visualization Library) and worked in an agile environment</li></ul>	
<b>University of Georgia-School of Social Work - Technical Analyst - Web</b>	<b>August 2018-December 2018</b>
<ul style="list-style-type: none"><li>Accelerated website debugging with test engineers</li><li>Co-developed the website and resolved bugs</li></ul>	
<b>Swabhav Techlabs, Mumbai - Software Developer Intern</b>	<b>April 2017 – September 2017</b>
<ul style="list-style-type: none"><li>Project : Fitness App Client : Aurion-Pro Solution Technology used : Android Studio- Java</li><li>Entrusted responsibility to develop features such as Welcome module, location tracking, feedback, UI enhancement etc.</li></ul>	

## PROJECTS

<b>Database Design and Optimization (DBMS)</b>	<b>(Java)</b>
<ul style="list-style-type: none"><li>Created Database Management System which had basic functionalities like select, project, union, minus and join</li><li>Implemented Linear HashMap algorithm for indexing to speed up querying process</li></ul>	
<b>FTP Client and Server</b>	<b>(Java)</b>
<ul style="list-style-type: none"><li>Implemented FTP system that supports a subset of FTP operations (Linux Commands) such as mkdir, get, put, ls, cd, pwd, quit and delete</li></ul>	
<b>Workload Prediction of Alibaba Cluster Dataset</b>	<b>(Python)</b>
<ul style="list-style-type: none"><li>Predicted the future workload of Alibaba Cluster dataset with an accuracy of 93.15% with LSTM Model</li><li>Evaluated other workload Predictors such as ARIMA, AR, ES, WMA, MA, Naïve Bayes, and Mean based Predictor</li></ul>	
<b>Electronic Medical Record</b>	<b>(HTML, CSS, Bootstrap, JavaScript, Php, AWS)</b>
<ul style="list-style-type: none"><li>Automated Portal for viewing Patient Record for citizens of India by linking it to their Aadhar Card (analogous to SSN in the USA). Other Features for online appointment booking, pharmacy tie-ups and Face Recognition during emergency</li><li>Used : AWS : Storage as a Service (SaaS) and AWS-Face Recognition Service</li></ul>	
<b>Car Pooling Management System</b>	<b>(HTML, CSS, Bootstrap, JavaScript, Php, MySQL)</b>
<ul style="list-style-type: none"><li>Successfully build a system to offer rides to requestors travelling to same destination</li><li>Optimized performance by applying the most suitable normalization form</li></ul>	
<b>Game Recommendation System</b>	<b>(HTML, CSS, JavaScript, Spring Hibernate, MySQL, Python)</b>
<ul style="list-style-type: none"><li>Recommend games using ratings which are given by the members of the community along with the rating of a particular game in order to predict and recommend new games to the user</li></ul>	
<b>Plant disease identification System – Current</b>	<b>(HTML, CSS, JavaScript, Spring Hibernate, Apache Jena, Python, Owl)</b>
<ul style="list-style-type: none"><li>Ontology based approach employing web semantic based disease detection in plant leaf(Tomato, Bell-Pepper and Mango) that will detect if the plant is infected or not. If it is than the remedies and symptoms would be displayed</li></ul>	