

# Sharayu Shenoy

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## EDUCATION

Jan 2018 - Dec 2019	<b>Master of Science, Information Science</b> The University of Texas at Austin Relevant Coursework: Human-Computer Interaction, Advanced Design of AI, Machine Learning, Virtual Environments, Rapid Prototyping, Statistical Analysis, Applied Statistics, Understanding Research	<b>Overall GPA:</b> 3.91/4.00
Aug 2010 - Jun 2014	<b>Bachelor of Engineering, Electronic &amp; Telecommunications Engineering</b> University of Mumbai	

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## EXPERIENCE

Jun 2019 - Present	<b>Research and Development Intern, Instana Inc.</b> Working as an Intern towards my Master's Research Project. Researching ways to improve existing large clustered data visualization which upon implementation will revolutionize the way people analyze and interpret the data within their application.
Sept 2018 - May 2019	<b>Graduate Research Assistant, Energy Institute, University of Texas at Austin</b> Held a full time GRA position to develop a web application for a non-profit focused on Texas energy and poverty. Created a comprehensive and user-friendly portal of information on publications, websites, and other resources that are specific to the topics of energy and poverty in Texas.
Jun 2018 - Aug 2018	<b>Graduate Assistant, International Office, University of Texas at Austin</b> Worked as a Data Analyst on cleaning the data for annual report for Study Abroad. Automated the data cleanup process and minimized 75% of the effort required for manual data cleanup. Used Power BI to visualize and represent data collected from multiple divisions within UT.
Jul 2014 - Nov 2017	<b>Senior Systems Engineer, Infosys Ltd</b> Consultant for an Investment Banking Company. Worked on full-stack for three major projects. Received three professional awards for my contribution and innovation. Mentored and managed a team of six fresh graduates to deliver a critical project in six weeks.

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## SKILLS

Languages	Java, JavaScript, Python, PHP
Web Technologies	React, Angular, jQuery, HTML, Laravel, D3.js, Three.js, CSS, Sass
Databases	Oracle, DB2, MySQL, Neo4j (Graphical DB)
Design Tool	Sketch, Invision, Figma
ML Libraries	Scikit-learn, Pandas, Tensorflow, Matplotlib, NumPy, NLTK



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## ACADEMIC PROJECTS

Sept 2019 - Present	<b>(Master's Research) Clustered Data Visualization</b> Researching methods to best visualize an existing Application Dependency Map, with large clusters of data, based on various factors such as coherence, usability, information architecture etc. Design and Implement a PoC in React such that it can be plugged-into the existing application. <i>Technologies Used : React, HTML, CSS, Three.js</i>
Jan 2019 - May 2019	<b>(Advanced Design of AI) Ally: Productivity Assistant</b> A design for an AI driven application called Ally which can be integrated into the lives of college students to make them more productive and therefore more successful and happy. Used "Design Thinking for AI" methodology as the design process.

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## PROFESSIONAL PROJECT

Sept 2018 - May 2019	<b>(GRA) Energy Poverty Clearing House</b> Building a Web-based application which will serve as an online literature repository with over 500 resources. As a Technical Lead, worked on server set-up, database design and web design and development. Website: <a href="http://energy-poverty.info">http://energy-poverty.info</a> <i>Technologies Used : React, Laravel, PHP, Sketch, MySQL.</i>
Jan 2017 - Nov 2017	<b>Search Dashboard</b> Search engine using Graph Database to enable visualization of graphical data which is hierarchical in nature. Built a plug-in using D3.js to navigate from one data element to another. <i>Technologies Used : Neo4j, D3.js, AngularJS, HTML, CSS, Java 8, REST.</i>