

# Jerry Allan Akshay

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<b>EDUCATION</b>	<b>Graduate (Master of Science, Computer Science)</b> (August 2021-May 2023) University of Southern California (USC), Los Angeles, California, USA GPA: 4.0 <b>Undergraduate (Bachelors, Computer Science)</b> (August 2016-September 2020) Bangalore University, Bangalore, Karnataka, India
<b>SKILLS</b>	<b>Programming Languages</b> C, C++, C#, Java, JavaScript, TypeScript, HTML, CSS, XML, Python <b>Frameworks and Tools</b> ElectronJS, AngularJS, ReactJS, NodeJS, Flask, .NET, MySQL, Bootstrap, JQuery, Jupyter, Firebase, Git, Docker, AWS, REST, Android Studio, MongoDB, FIGMA
<b>EXPERIENCE</b>	<b>Student Worker (Full Stack Developer)</b> (September 2021-Present) USC Information Sciences Institute, Los Angeles Revolutionize experiment testbeds by implementing DEW (Distributed Experiment Workflows) - a novel approach to testbed design, orchestration, and analysis  <b>Associate Engineer</b> (September 2020-July 2021) Unisys, India Redesigned and coded a new cross-platform installer for a proprietary cybersecurity product STEALTH, replacing old legacy Windows-only installer
<b>PUBLICATIONS</b>	<b>EPM: Meta-learning method for Remote Sensing Image Classification</b> Co-authored a paper on a proprietary improved ensemble remote sensing image classification model leveraging few-shot learning paradigm to improve accuracy scores by around 10% over traditional few-shot learning models <b>Status:</b> Accepted at MISS-2021 Springer Conference. Pending publication in book series 'Algorithms for Intelligent Systems'
<b>PROJECTS</b>	<b>Associate Skill Dictionary</b> (September 2020-February 2021) Developed an Employee Improvement Web Application enabling employees to upskill themselves with help of a visual road-map, in capacity of a Team Leader; winning project at the Unisys Fresher's Hackathon  <b>University Transcript Creator</b> (July 2020-September 2020) Designed a Windows Application to automatically generate digitally signed Transcripts, supplanting manual entry of data used at Bangalore University  <b>PC Shop App</b> (April 2020-June 2020) Collaborated with a Startup and built an Android Application to help residents place orders with local shop owners, boosting income during COVID-19 pandemic  <b>Universal Interpreter</b> (January 2020-February 2020) Created a Software for differently-abled to communicate with each other through Morse Codes, Speech, and Hand Gestures (making use of the American Sign Language) on mobile devices; winning entry at the Unisys Cloud 20/20 Hackathon
<b>ACTIVITIES</b>	<b>Leadership</b> <ul style="list-style-type: none"><li>Vice-Chairperson, IEEE UVCE Computer Society (2019-2020) Planned, organised, and executed bootcamps, workshops, hackathons, and ensured team coordination by conducting and taking charge of weekly meetups</li></ul> <b>Awards</b> <ul style="list-style-type: none"><li>Unisys Cloud 20/20 Y11 (December 2019-May 2020) <b>Standing:</b> Placed First in the Contest</li></ul>