

## Rhuta Joshi

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### EDUCATION

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| <b>Savitribai Phule Pune University, Pune, India</b>   | May 2019 |
| <ul style="list-style-type: none"><li>Bachelor's in Engineering, Information Technology</li><li>Academic runner up in IT program of the college, <i>CGPA – 9.19/10</i></li></ul> |          |
| <b>Maharashtra Higher Secondary Board of Education, Pune, India</b>  | May 2015 |
| <ul style="list-style-type: none"><li>High School, Science stream</li><li><i>Percentile – 99/100, Equivalent percentage – 84.15%</i></li></ul>                                   |          |
| <b>Central Board of Secondary Education, Pune, India</b>   | May 2013 |
| <ul style="list-style-type: none"><li>Secondary School, <i>CGPA – 10/10, Equivalent percentage – 94%</i></li></ul>   |          |

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### TECHNICAL SKILLS

#### Languages

- Proficient in: C, C++, Java, HTML
- Familiar with: Python, JS

#### Software

- Platforms & Tools: Autodesk Maya, Android Studio, Unity 3D, ARCore with Sceneform
- Database: MySQL, PostgreSQL, Hive, MongoDB, SQLite
- Libraries: OpenGL, OpenCV, MLKit

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### PROJECTS

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| <b>Skeletal ghost model making and animation</b>   | Jun 2019 - Present  |
| <i>Link: <a href="https://github.com/rcj9719/MayaProjectGhost">https://github.com/rcj9719/MayaProjectGhost</a></i>   |                     |
| <ul style="list-style-type: none"><li>Hard &amp; organic modeling with simulation of dynamic effects like water, cloth, and smoke.</li><li>Rigging a character to develop a short, animated sequence using keyframes.</li></ul>        |                     |
| <b>Augmented Reality based Indoor Navigation (ARIN)</b>  | Jul 2018 – May 2019 |
| <i>Link: <a href="https://github.com/rcj9719/ArinA">https://github.com/rcj9719/ArinA</a></i>   |                     |
| <ul style="list-style-type: none"><li>First AR project in the college to be implemented successfully for on-campus use case.</li><li>Android-based navigation with landmark identification &amp; surface detection features.</li></ul> |                     |
| <b>Mobile application for student data management</b>  | Jul 2017 – Sep 2017 |
| <i>Link: <a href="https://github.com/rcj9719/dbmsChanakyaFoundation">https://github.com/rcj9719/dbmsChanakyaFoundation</a></i>   |                     |
| <ul style="list-style-type: none"><li>Developed Android application for client dealing with student data management.</li><li>User-friendly, efficient interface to dissolve existing paper-based system.</li></ul>                     |                     |

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### RESEARCH PUBLICATION

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| <b>Indoor Navigation with Augmented Reality, Springer Publication</b>  | Presented - Feb 2019 |
| <i>Link: <a href="https://link.springer.com/chapter/10.1007%2F978-981-13-8715-9_20">https://link.springer.com/chapter/10.1007%2F978-981-13-8715-9_20</a></i> | Published - Aug 2019 |
| <ul style="list-style-type: none"><li>Primary author for research paper presented at international conference, ICCCE 2019.</li></ul>                         |                      |

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## INDUSTRY INTERACTION

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### **Big Data Engineer**

Jul 2019 - Present

*Company: Schlumberger, Pune India Technology Center*

- Developing containerized NiFi framework for data ingestion from sources to cloud which will tentatively reduce company costs and ingestion time up to 50%.
- Prepared user documentation and test plans for functional testing.

### **Software Engineering Intern**

Apr 2018 - Jun 2018

*Company: Schlumberger, Pune India Technology Center*

- Developed an incremental ingestion system using Apache Sqoop in shell scripts
- Modified system was around 200% more efficient than existing incremental system

### **Student Trainee**

Nov 2017 - Dec 2017

*Company: Persistent Systems, Pune, India*

- Assignments in functional programming for automata and environments understanding.
- Selected from over 50 trainees to participate in the corporate hackathon, based on performance.

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## OTHER ACTIVITIES

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### **Academic Achievements**

- Received "Best Outgoing Student of the Year 2019" award, IT Student Association, PCCOE
- Won national level idea presentation competition, Infovision (Techlligent), 2019
- Autodesk Maya certified, BITS Pilani, Goa Campus, 2018
- Elite C++ programming certified, NPTEL, IIT Kharagpur, 2016

### **Sports**

- Certified Shotokan Karate Black Belt, USKA, Pune, 2014
- Certified Karate trainer and instructor, USKA, Pune, 2016