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| **Rohit Sahasrabuddhe** | |
| 721 W. 30th Street, Apt.5, | Portfolio: http://www.rohitsahasrabuddhe.com |
| Los Angeles, CA 90007. (213) 291-4616. | LinkedIn: https://linkedin.com/in/rohit-sahasrabuddhe |
| Email: rohitsahasrabuddhe@gmail.com | GitHub: https://github.com/RohitSahasrabuddhe |

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| **EDUCATION** | | |
| **Master’s in Computer Science (Intelligent Robotics)** | | CGPA 3.55/4.0 |
| University of Southern California,Los Angeles, California. | | May 2019 |
| Courses: Foundation of AI, Robotics, Machine Learning, Analysis of Algorithms, Database Systems | | |
| **Bachelor’s in Computer Science and Engineering** | | CGPA 9.06/10.0 |
| S.G.G.S. Institute of Engineering & Technology, Maharashtra, India. | | June 2015 |
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| **SKILLS** | | |
| **Programming** | Java, JavaScript, Python, HTML, CSS (Proficient)  C, C++, PHP, C#, ASP.NET, VB.NET,COBOL (Familiar) | |
| **Database** | MySQL, Mongo DB, Oracle 11g, Google Cloud DB, PostGIS | |
| **Servers, Frameworks & Tools** | NodeJS, TensorFlow, AngularJS, Android SDK, Git (Proficient) | |
| Flask, Spring, Hibernate, Struts, IBM Mainframes (Familiar) | |
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| **WORK EXPERIENCE** | | |
| **Student Programmer** | | Jan 2018 - Present |
| **USC Cancer Research Informatics Core**, Los Angeles, CA. (7 Months) | | |
| * Developed **data analytical** **tools** which helped researchers analyze cancer patient data. | | |
| * Created **custom** **applications**, databases, surveys and **websites** for multiple cancer research groups to enable efficient reporting and analytics on various cancer studies. | | |
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| **System Engineer** | | Sept 2016 - Aug 2017 |
| **Tata Consultancy Services**, Hyderabad, India. (1 Year) | | |
| * Delivered a **big data** processing application for client using **Hadoop MapReduce** technology. | | |
| * Developed a **Java web** application using **Springs MVC** and **Hibernate 3** frameworks to view high level data related to all products manufactured at plant. | | |
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| **Asst. System Engineer** | | Sept 2015 - Sept 2016 |
| **Tata Consultancy Services**, Hyderabad, India. (1 Year) | | |
| * Implemented **software enhancement** on quarterly basis to **upgrade and improve** **performance** of existing application. | | |
| * Deployed **automated shell scripts**, using **cron** jobs on **Unix data servers** to minimize manual efforts invested in maintaining and supporting applications. | | |
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| **PROJECTS** | | |
| **Handwritten Digit Recognizer:** Web Application (GitHub: https://git.io/fNVeH) | | June 2018 – July 2018 |
| * Trained **CNN model** to classify digits 0-9 using **MNIST** dataset and **TensorFlow**. | | |
| * Integrated the trained model on **flask** web app to classify user drawn images. | | |
| **Multipurpose Chatbot:** Web Application (GitHub: https://git.io/vpjYu) | | May 2018 - June 2018 |
| * Developed a **chatbot** using **chatterbot** python **api** and node.js for different business models. | | |
| * Extracted and analyzed **dialog flow** to **train** **models** according to business requirements. | | |
| **CSCI545 Project:** NAO Robot Simulation | | April 2018 - May 2018 |
| * Simulated and tested two different movements on NAO Robot provided by Robotics Lab at USC. | | |
| **Super Fruit Riot:** Android Game(GitHub: https://git.io/vNkCJ) (2 Team members) | | Oct 2017 - Jan 2018 |
| * Built a **mobile game** like Candy Crush using **Android** Studio, where the user plays against an **AI agent**. | | |
| * Programmed an **Intelligent Agent** which dynamically selects next move depending upon current state and time remaining. | | |
| **ICon3C:** Website (GitHub: https://git.io/f4b9h) | | Dec 2014 - Jan 2014 |
| * **Launched a** **website** for International Conference using **PHP**, **HTML**, **CSS** & **JavaScript** providing researchers online platform to participate in conference. | | |
| **Nanded City Guide** Android Application (3 Team Members) | | Jun 2014 - Nov 2014 |
| * Designed a **GPS** based **Android** application to locate nearby public services. | | |