

Rohit Sahasrabuddhe

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GitHub: <https://github.com/RohitSahasrabuddhe>

EDUCATION

Master's in Computer Science	CGPA 3.5/4.0
University of Southern California, Los Angeles, California.	May 2019
Courses: Machine Learning, Foundation of AI, Analysis of Algorithms, Database Systems, Robotics	
Bachelor's in Computer Science and Engineering	CGPA 9.06/10.0
S.G.G.S. Institute of Engineering & Technology, Maharashtra, India.	June 2015

SKILLS

Programming	Java, JavaScript, HTML, CSS (Proficient) C, Python, PHP, C#, ASP.NET, VB.NET, COBOL (Familiar)
Database	MySQL, Mongo DB, Oracle 11g, Google Cloud DB, PostGIS
Servers, Frameworks & Tools	NodeJS, AngularJS, Android SDK, Spring, Hibernate, Struts, IBM Mainframes, Tomcat, Gremlin, Git (Intermediate Proficiency)

WORK EXPERIENCE

Student Programmer	Jan 2018 - Present
USC Cancer Research Informatics Core , Los Angeles, CA. (7 Months)	
<ul style="list-style-type: none">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.	
System Engineer	Sept 2016 - Aug 2017
Tata Consultancy Services , Hyderabad, India. (1 Year)	
<ul style="list-style-type: none">Delivered an big data processing application for Ericsson client using Hadoop MapReduce technology.Developed Java web application using Spring MVC and Hibernate 3 frameworks for Ericsson client to view high level data related to all products manufactured at plant.	
Asst. System Engineer	Sept 2015 - Sept 2016
Tata Consultancy Services , Hyderabad, India. (1 Year)	
<ul style="list-style-type: none">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.Maintained 3 web applications and 1 utility-based application with different architectures and technologies by analyzing and troubleshooting application issues on day to day basis.	

PROJECTS

Multipurpose Chatbot : Web Application (GitHub: https://git.io/vpjYu)	April 2018 - May 2018
<ul style="list-style-type: none">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.	
Super Fruit Riot : Android Game (GitHub: https://git.io/vNkCJ) (2 Team members)	Oct 2017 - Jan 2018
<ul style="list-style-type: none">Built mobile game like Candy Crush using Android Studio, where the user plays against an AI agent.Programmed an Intelligent Agent using minimax algorithm with alpha-beta pruning, which dynamically selects next move depending upon time remaining for agent.	
Icon3C : Website (GitHub: https://git.io/f4b9h)	Dec 2014 - Jan 2014
<ul style="list-style-type: none">Launched 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
<ul style="list-style-type: none">Designed GPS based Android application to locate nearby public services.	
Case Study: Understanding Mozilla Firefox Browser (6 Team Members)	Jan 2015 - May 2015
<ul style="list-style-type: none">Analyzed components, source code, architecture and directory structure of Mozilla Firefox web browser.Investigated different strategies to improve performance of Mozilla Firefox by replacing its memory allocator.	