



Shubham Rohal
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ACADEMICS			
Degree	University	Percentage/GPA	Year
M.S. (Electrical Engineering and Computer Science)	University of California, Merced	3.70	Aug2019- May 21
B.S. (Computer Science Engineering)	Kurukshetra University, Kurukshetra	64.5	Aug2013- Aug-17
EXPERIENCE			
Jan-2020 to Present	Teaching Assistant. I am currently working as a TA for the object-oriented programming class for Professor Angelo Kyrilov. The class focus on teaching object-oriented programing concepts, full stack development and version control using C++ language and Gitlab.		
Sept-2017 to April 2018	Android Development Intern Worked as android development intern and worked with app developer on development of android application to take orders for start-up name Goglamrs providing on demand beauty services at doorstep.		
June 2015 to August 2015	Java Trainee Learned about object-oriented programming structures and how to use them for the software development. Using which along with my teammate developed a user monitoring application		
PROJECTS UNDERTAKEN			
Project Title: Methodology:	Replacing high performance computing program using neural network <ul style="list-style-type: none">Replaced the openfuelcell simulation software with neural network.Used tensorflow with keras API.Achieved the accuracy of 78 percent.		
Project Title: Methodology:	Vocab Builder (June 2017) <ul style="list-style-type: none">Along with my teammates developed an application to help non-native English speakers to learn new words effectivelyUnlock words according to progress of user.Uses local SQLite Database.		
Project Title: Methodology:	Cyber Security (July 2015) <ul style="list-style-type: none">Worked with my teammate to develop Client Server Application to keep activity record for client side.Creates User ID and Password for client side to provide authentication.Recording of activity is done through taking screenshots of client’s activities every few seconds.Using Java Core as coding language and SQL to maintain the databases.		
Project Title: Methodology:	Goglamrs.com <ul style="list-style-type: none">Developed the website for a startup based in Chandigarh, IndiaUsed HTML, Bootstrap and Java script for the front end.Used PHP at the backend of the website.		
ProjectTitle: Methodology:	Sunny (Live Weather Android App) (November 2016) <ul style="list-style-type: none">Developed a live weather android app.Using Website API Darkskies.Using Okhttp API		
EXTRA-CURRICULAR ACTIVITIES			
Positions of Responsibility	<ul style="list-style-type: none">Coordinator, Blood Donation Camp, JMIETI, 2015, 2016Coordinator, Zestival, Annual Fest, JMIETI, 2016Volunteer, Zestival, Annual Fest, JMIETI,2015		
Competitions Participated/Won	<ul style="list-style-type: none">Winner, Western Dance, Zestival, JMIETI,2015Winner, Tech out of Waste, MechTequilla, Tech Fest, JMIETI, 2015Member, Cricket Team, JMIETI		

OTHER INFORMATION

Certifications	<ul style="list-style-type: none">• Intro to Keras with Python (Data Camp)• Convolutional Neural Network with Keras (Data Camp)• Introduction to R (Data Camp)• Python Toolbox for Data Analysis (Data Camp)
Skill Set	C, Python, Java, R
Interests	Amateur Painter, Abstract Art Enthusiast, Avid Photographer
COURSES	
Current Courses	Computer Vision, Distributed Systems, Intelligent Systems, Cross Community Engagement.
Previous Courses	Parallel Computing, Advanced Algorithms, Data Structures, Discrete Mathematics, Database Management Systems, Neural Networks, Software Engineering, Object Oriented Programming structures, Design and analysis of Algorithms.