

SIDDHARTH YELLUR

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EDUCATION

Masters in Computer Science	University Of Florida, USA	Aug 19 - May 21
Coursework :	Analysis of Algorithms, Advanced Data Structures, Distributed Multimedia Systems, Blockchain Optimization and Application, Math for Intelligent Systems, Database Management and Systems.	GPA : 3.84
Bachelor Of Engineering in Computer Science	Anna University, India	Aug 14 - May 18

TECHNICAL SKILLS

Languages : C ++ , JavaScript, HTML , CSS ,PHP, Python, Java

Web/J2EE technologies : HTML, CSS, JavaScript, PHP, AngularJS, React , Bootstrap 4, jQuery, REST web services

Tools : Git, Tensorflow, FloydHub, VS Code

Database : MongoDB, MySQL, Firebase

WORK EXPERIENCE

Software Developer Desinos Spacios Pvt Limited	Aug 18 - Mar 19
<ul style="list-style-type: none">Designed and deployed the front-end model using React. Improved and built react functionalities.Worked in the core team and was handling site maintenance responsibilities along with server side scripting using Node.js	
Full stack Developer Ferry IO	Feb 18 - June 18
<ul style="list-style-type: none">Orchestrated and built their E-commerce Website from scratch. Implemented Angular 3 Framework for front-End and MongoDB, Node.js for backend and server-side scripting.Real-time experience in designing software for a start-up from ground zero.	
Research Intern Anna University	May 17 - Jun 17
<ul style="list-style-type: none">Worked on a video surveillance/Laser-Time Detection project for the Tamil Nadu Police Dept.Led a team of 6 members in prototyping a Laser Based time tracking system using automated python scripts with an accuracy upto 1 millisecond and performed wireless data transfer by utilizing Arduino and Xbee modules.Received a grant of \$1500 from Tamil Nadu Uniform Services Recruitment Board.	
Software Engineering Intern ChalkStreet	May 16 - Jul 16
<ul style="list-style-type: none">Designed a more customer friendly UI for the E-Learning company. Deployed the Bootstrap framework for initial design using HTML5 and CSS.Used JavaScript extensively to streamline their functionalities. Worked on simplifying and monitoring back-end activities and enhancing the dashboard currently being used.	

PROJECTS

Automated Image Poly-Chromization and Blur Removal	Dec 17 - April 18
<ul style="list-style-type: none">Deployed deep learning techniques using Tensor Flow and FloydHub in order to provide accurate color schemes in B&W photos.Involved using an Inception Resnet v2 and collecting Dataset 'Unsplash' containing over 6000 photos to train the neural network.	
Laser Based Automated Time Detection System	May 17 - Jun 17
<ul style="list-style-type: none">Built a laser-based time detection System for the Tamil Nadu Police Department using python scripts. They are currently deploying this equipment for their Candidate selection process.Involves time-tracking automatically in the 100-200 meter dash using lasers, Arduino Boards, Xbee modules.	
Construction of New City using Red-Black Trees and Min-heap (Academic)	Oct 19 - Dec 19
<ul style="list-style-type: none">Deployed a Java application using Min-heap and Red-Black trees to keep track of the new buildings with respect to a certain execution time.Used a Min-heap and RB Tree to store building's based on execution time and building ID.	
Ecommerce-Website for a textile startup (ayatii silks)	Mar 17 - May 17
<ul style="list-style-type: none">Built and designed a website for a textile company completely from scratch.Designed using Shopify Services and also integrated payment gateways like PayPal and PayUMoney.Also integrated a chatbot to the website to enhance customer-merchant communication.	