

Sricharan Chiruvolu

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EDUCATION

- **Technical University of Munich** Munich, Germany
MSc. Computer Science April 2018 – 2020 (expected)
- **Amrita Vishwa Vidyapeetham** Bengaluru, India
B.Tech., with first-class distinction/honors in Computer Science and Engineering Aug 2012 – Aug 2016

EXPERIENCE

- **Allianz** Munich, Germany
Working Student Aug 2018 - Present
 - **Enterprise Architecture:** Design and prototype a unified enterprise architecture management (EAM) standard across all subsidiaries and entities of the Allianz Group.
- **Chair of Computer Architecture & Parallel Systems** Technical University of Munich
Teaching Assistant April 2018 - Aug 2018
 - **Submission Platform:** Development and maintenance of the assignment submission and grading platform for the “Parallel Programming” course opted by more than 300 students each term.
 - **Site Reliability:** Setup and maintenance of fully automated Jenkins-based CI pipelines for deployments. Built and deployed Docker swarms to break up and parallelize monolithic execution of exercise submissions.
- **SAP** Bengaluru, India
Development Consultant - Associate Jan 2017 - March 2018
 - **Consultant:** Member of Mobile, UX and SAP Hybris team (Innovation and Tech. competency), SAP India. Consulted and developed prototypes and solutions for large enterprises including Elseco and Jafra, in the domains of SAP Hybris (e-commerce platform) and SAP Leonardo (machine learning platform).
 - **1BLives 2017:** Winner (team of 5) of an APJ level employee-led entrepreneurship competition. Allotted 200000 EUR seed fund to pursue research in water management using SAP-IS Technologies.
 - **SAP ML Academy:** Responsible to present and curate internal trainings and talks for machine learning enablement across teams at SAP Solution Delivery centers.
- **Runnr (acquired by Zomato.com)** Bengaluru, India
Software Development Engineer Jan 2016 - Dec 2016
 - **Member of Technical Staff:** Runnr is a hyper-local food/logistics delivery startup in India. Formulated the development of multiple data models to increase delivery driver efficiency at a hyper-local level. Built a smart suggestion system that recommends locations with higher chances of pickups to improve delivery efficiency.
 - **Research Intern:** Presented Bachelor’s thesis (“*Driver Reassignments, Navigation and Smart-Suggestion Systems for Last-mile Shipping Efficiency*”), and built software systems that drive better unit economics and lesser attrition / easier on-boarding of delivery drivers in last-mile logistics.

NOTABLE PROJECTS

- **Mview:** Multiple view stereo reconstruction and comparison of various block matching algorithms on 120 synthetically generated stereo images.
- **ChemStreet:** The App extracts chemical names from a large text in real-time and renders interactable 3D structures of molecules/ proteins in an AR environment (Winner of InOutHack 2017).
- **Calory:** A Facebook messenger based health assistant. Takes care of daily calorie intake, schedules water intake, recognises and recommends food based on an image.
- **EyeTBox:** Eye tracking using EyeTribe for heat-map overlay generation on websites. Developed for generating targeted advertisement locations on a webpage as a part of a research project.
- **RayBox:** An image synthesis system based on ray-tracing which includes reflections, refractions, soft shadows and depth of field.
- **Classbox:** A productivity suite for schools and colleges to interact effectively. Features include an interactive drawing board, chat rooms, dedicated forums, quiz generation, analytics dashboard and push notifications.

ACTIVITIES

- **ACM Munich Chapter:** Part of the organisational team of ACM Munich Chapter (<http://munichacm.de>).
- **Internet Society (India Bangalore):** Board member and chapter voting delegate for Internet Society India Bangalore Chapter (isocblr.org). Active Internet Society member since 2014 – currently responsible for the outreach and mentoring the fellow members on the Internet standards and governance.