Omkar Chekuri

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SUMMARY

I am a current PhD student in the computer science department in the university of Oklahoma working the field of data visualization.

EDUCATION

University of Oklahoma, Norman, Oklahoma, USA

- Ph.D. Candidate in Computer Science — Aug 2018 – Present
  Research areas: Information Visualization
  Advisor: Dr. Chris Weaver
- M.S. in Data Science and Analytics — Aug 2014 – May 2016
  Specialization: Visual Analytics
  Cumulative GPA: 3.5 / 4.0

Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh, India

- Bachelor of Technology in Mechanical Engineering — Aug 2008 – Jun 2012
  Cumulative GPA: 3.3 / 4.0

EXPERIENCE

University of Oklahoma, Norman, Oklahoma, USA

Graduate office Assistant, Mentor: Cherie Hudson — Dec 2017 – May 2018

Assisted in the recruitment of faculty, organized departmental activities and events, gathered and updated information on scholarships and research grants on a regular basis.

Graduate Teaching Assistant, Mentor: Saiteja Kannenganti — Aug 2020 – May 2021

Assisted the faculty in grading and conducting lab sessions and office hours.

Graduate Research Assistant, Mentor: Dr. Chris Weaver — Aug 2019 – May 2019

Develop of Gestures for Data Manipulation.

Graduate Research Assistant, Mentor: Dr. Sridhar Radhakrishnan — May 2018 – Dec 2018

Develop a dispatch and a mobile system for the transit providers managed by Oklahoma Department of Transportation using the latest web technologies.

Cloud Nine Development LLC, Norman, Oklahoma, USA

Data Analytics Intern, Mentor: Dr. Sridhar Radhakrishnan — Jan 2018 – May 2018

Developed analytics dashboard to display the customer data, key performance indicators and business forecasts.

Construction Development Company, Doha, Qatar

SAP CMMS Engineer — Mar 2013 – Feb2015

Worked with various clients in the EPIC (Engineering, procurement, installing and commissioning) projects in coordinating the project, planning, and implementing the asset management and prepare status reports using tableau dashboard.

Aker Solutions, Kakinada, Andhra Pradesh, India

Mechanical Engineer — Jun 2011 – Jan 2013

Performed general and preventive maintenance of equipment. Prepared M&L(maintenance and logistics) reports and maintained records of safety checks conducted on a regular basis.

Andhra Pradesh Paper Mills Limited, Rajahmundry, Andhra Pradesh, India

Engineering Intern — Aug 2011 – Mar 2012

Assisted the operations team in planning the supply chain routes and improvement of the efficiency of the paper production.

POSTERS

Omkar Chekuri, and C. Weaver, "C4D3: A Software framework for building coordinated web visualizations", University of Oklahoma, 2020.

TECHNICAL SKILLS

Programming Languages

Proficient: JavaScript, Python, HTML/CSS, Java, SQL, R

Familiar: C, C#, C++

Libraries/Frameworks

d3.js, Improvise, React, Angular

Design Tools

AUTOCAD, CATIA

Other Tools

Microsoft office suite

LEADERSHIP

Member, Graduate Student Community at University of Oklahoma
Member, Data Science and Analytics Association at University of Oklahoma
Member, Human Factors and Ergonomics Society at University of Oklahoma
Former Cadet at University of Oklahoma ARMY ROTC