VINEETH EDAM

540-235-2955 vke@vt.edu 3100 Richmond Lane, Blacksburg,VA

EXPERIENCE

GRADUATE ASSISTANT, VIRGINIA TECH – 2017-PRESENT

Graduate assistant at the Office of Institutional Research. My job responsibilities include development of web based visualization application and maintenance of reporting application.

SENIOR SOFTWARE ENGINEER, INDEPENDENT CONSULTANT – 2015-2016

Developed web user interface for Sungard AS Managed Recovery Program, which is an IT recovery platform. Used MEAN IO web application development stack to develop front end, and conducted usability studies.

SENIOR SOFTWARE ENGINEER, GEOMETRIC AMERICAS INC – 2014-2015

I studied the abilities of Google Polymer to leverage web component paradigm for web user interface development. Designed and defined product user interface features; created mock-ups to review design with project stakeholders. Also, conducted usability and tests to obtain feedback. I worked on-site at the Dassault Systèmes SIMULIA HQ, to build server side data model and infrastructure on the 3DEXPERIENCE PLM platform.

SOFTWARE ENGINEER, 3DPLM SOFTWARE – 2010-2014

I was part of a team that undertook the progressive enhancement and maintenance of Simulation Lifecycle Management (SLM) suite of products, focusing on Scenario Definition (SCE) product. Also, incorporated Computer Aided Design (CAD) tools and design methodologies in SCE.

INTERN, INDIAN SPACE RESEARCH ORGANIZATION (ISRO), – JAN 2010 - MAY 2010

Developed mathematical model of cutting characteristics of aluminum alloy AA2014

EDUCATION

VIRGINIA TECH, U.S.A – MS,2018

GOVERNMENT ENGINEERING COLLEGE, INDIA – B.TECH,2010

SKILLS

Programming:	Java, C++, Javascript
Web UI frameworks:	Google Polymer, Angular JS
Fullstack Dev Framework:	MEAN IO
Design and Mockup:	Photoshop, Balsmiq
CAD:	CATIA, PRO-E WILDFIRE, Onshape
Statistical Analysis:	SAS JMP

AWARDS AND HONORS

FIRST RANK WITH HONORS, PRODUCTION ENGINEERING (GOVERNMENT ENGINEERING COLLEGE)
INDIVIDUAL EXCELLENCE AWARD (3DPLM SOFTWARE)
STAR PERFORMER AWARD – FINANCIAL YEAR 2012-2013 (3DPLM SOFTWARE)
STAR PERFORMER AWARD – FINANCIAL YEAR 2013-2014 (3DPLM SOFTWARE)
DELIVERY EXCELLENCE AWARD 2015 (3DPLM SOFTWARE)

JOURNAL PUBLICATION

GEORGE, L.P, **KOODALI EDAM, V.K**., & KUMAR, K. (2013) A STATISTICAL APPROACH FOR KERF CHARACTERISTICS PREDICTION IN ABRASIVE WATER JET MACHINING. TIST INTERNATIONAL JOURNAL FOR SCIENCE, TECHNOLOGY & RESEARCH VOL. 2 NO.2 TIST JAN. - DEC. 2013

RESEARCH EXPERIENCE

A STATISTICAL APPROACH FOR KERF CHARACTERISTICS PREDICTION IN ABRASIVE WATER JET MACHINING MODELED KERF CHARACTERISTICS USING STATISTICAL TOOLS. STUDIED THE CUT SURFACE OF A THROUGH CUT AND RELATE THE CUT SURFACE CHARACTERISTICS TO THE STANDOFF DISTANCE. FORMULATED AN EMPIRICAL RELATIONSHIP BETWEEN THE KERF FORMED AND THE STANDOFF DISTANCE AND TESTED THE EQUATIONS USING EXPERIMENTAL AND ANALYTICAL TECHNIQUES.