

Guru Prasad Kempegowdanahalli Somashekar

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Graduate student in Computer Science with over 4 years experience as a Software Engineer, seeking Software Engineer/Data Scientist opportunity where I can apply my analytical and mathematical skills, as well as my creativity, to deliver the best data-driven decision-making approaches to the organization

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Senior Software Engineer

Collins Aerospace - Bengaluru, Karnataka

November 2016 to December 2020

- Involved in Embedded System Verification & Validation, Hardware Software Integration Testing (HSIT) and SIT
- Coordinated with clients in USA to design and develop system requirements in accordance with standard Aero guidelines
- Managed team members and interacted with customers during planning and scheduling processes
- Received Partnership and Spot awards on numerous occasions for my contribution towards productivity savings
- Developed a Python tool to automate the process of updating addresses in grp files in response to changes in new software build, saving an average of 100 hours per build release
- Automated the extraction of unverified requirements using Python, saving 400 hours for the organization
- Automated the process of examining output files produced by batch execution of test scripts; this Python tool is now extensively used by multiple teams across the organization, saving 500 hours annually
- Implemented a Python tool to generate test scripts based on the data from input file

Education

Master of Science in Computer Science

Arizona State University - Tempe, AZ

January 2021 to Present

Bachelor of Engineering in Electronics and Communication Engineering

Bangalore University - Bengaluru, Karnataka

July 2012 to June 2016

Skills

- Machine Learning: Linear and Logistic Regressions, k-NN, Decision Trees, Random Forest, CNN
- SQL
- PostgreSQL
- MATLAB
- C
- Python (Pandas, NumPy, Scikit-learn, Keras, PyTorch)
- HTML
- CSS
- JavaScript
- Django
- Flask
- Tableau
- Excel
- Matplotlib
- AWS
- Android
- Git
- Linux
- GAE
- Agile
- MySQL
- User Interface (UI)
- Computer Science
- Software Development
- Test Cases
- GitHub
- Scripting
- Web Services
- Data structures
- Algorithm design
- Deep learning
- Node.js
- REST

Languages

- English - Fluent
- Kannada - Expert

Links

<https://www.linkedin.com/in/guru-prasad-kempegowdanahalli-somashekar>

Awards

SUN Award

September 2021

My senior program coordinator presented me with the SUN Award in recognition of my contributions to my work at Arizona State University.

Partnership Award

April 2019

From January 2019 to March 2019, I worked at the Rockford, Illinois office. I received a Partnership award for my work on the Boeing 777x project.

Spot Award

April 2018

Received spot award for my contribution to productivity savings of 100 hours of scripting effort per software build.

Assessments

Analyzing data — Expert

February 2022

Interpreting and producing graphs, identifying trends, and drawing justifiable conclusions from data
Full results: [Expert](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.