

Sushil Kumar Ammanaghatta Shivakumar

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EDUCATION

- **Albert Ludwig University of Freiburg** Freiburg, Germany
Masters in Computer Science Oct. 2021 – Present
- **PESIT-BSC(South Campus)** Bangalore, India
Bachelor of Engineering in Computer Science; GPA:8.38/10 Aug. 2017 – June 2021

WORK EXPERIENCE

- **Research Assistant:**
Max Planck Institute for Security and Privacy (MPI-SP)
Assisting the team with ongoing research about Legitimate Interest by web scraping, a mix of computational, quantitative, and qualitative analysis (Skills: Python, Selenium, BeautifulSoup, Pandas, Numpy)
- **Machine Learning Intern:**
TAO The Automation Office-Internship
Assisted the tech team with TAPP 3.0 coding. We developed auto table formation logic based on the document layout. Analyzed the document based on unique features like vendor information, invoice, and purchase order number. (Skills: Python, Pandas, Numpy)

PROJECTS

- **Personality Prediction Using Social Media:** Build a web application that can be linked with Facebook. It analyses personality traits and Big 5 model to predict the personality of a user.
Technology / Tools: NLP, HTML, PHP, Machine Learning, SQL
- **FIFA-19 Database Management System:** Build a web application which is used to store, access and update the information of foot-ballers in FIFA-19 game.
Technology / Tools: Javascript, PHP, HTML5, CSS3, SQL
- **Detection of over-height vehicles:** The system detects over-height vehicles moving toward obstacles (like bridges, tunnels and other overhead structures) and warns drivers about it by activating an audible alarm and/or sign. .
Technology / Tools: C++, Arduino

PUBLICATIONS

- 1: Lin Kyi, **Sushil Ammanaghatta Shivakumar**, Franziska Roesner, Cristiana Santos, Frederike Zufall, and Asia Biega. 2023. Investigating Deceptive Design in GDPRs Legitimate Interest[to appear].

PROGRAMMING SKILLS

- **Languages:** Python, C/C++, Java
- **Technologies:** MySQL, Git, Linux, Latex, Docker
- **Interests:** Deep Learning, Machine Learning, Data Science, Reliable Software Development

ACHIVEMENTS

- **AutoML Decathlon 2022:** 2nd runner up in the AutoML competition Held In NeuroIPS22

CERTIFICATIONS

- **Parallel, Concurrent, and Distributed Programming in Java Specialization:**
Coursera - Rice University
- **Deep Learning Specialization:**
Coursera - deeplearning.ai

ADDITIONAL ACTIVITIES

- **Core Team member for Activity Day:** Along with 3 other teammates, led the computer science department in the interdepartmental competitions which included technical and nontechnical competitions, and won.
- **Core Team Member for Maaya:** Along with the team planned various activities and events to be held at the fest, was responsible to portray the fest in the market and arrange enough funds for the proper conduction of the fest.