Kishankumar BHIMANI

SKILLS

PROGRAMMING LANGUAGES:

`Python` `scikit-learn` `Shell Script` `Linux/Unix` `Keras` `pytorch` `LaTeX`
`C++` `SQL Server` `tensorflow` `Frameworks & Libraries` `MATLAB` `Microsoft office`

TECHNOLOGIES:

`Data Science` `Machine Learning` `Artificial Intelligence` `Data Structure & Algorithms`
`A/B testing` `Math modelling` `Optimized AI` `Scientific computing & analysis packages`

OTHER SOFTWARE/TOOLS:

`Tableau` `Version Control` `Data pipeline & Workflow` `Cloud Platforms` `Big Data Tools`

SOFT SKILLS: Team Player · Bias for Action · Deliver results · Strategic · Maximizer

PERSONAL DATA

FULL NAME:	Bhimani Kishankumar Rameshbhai
DATE OF BIRTH:	09th July 1995
GENDER:	Male
NATIONALITY:	Indian | Passport No: P2175886
PRESENT ADDRESS:	Energeticheskaya Ulitsa, 10k2, Moscow, Russian Federation - 129110
PERMANENT ADDRESS:	111, Lakdawala Darwaja, Pipla Vadi At-Badanpar, Ta-Jodiya, Dist-Jamnagar Gujarat, India - 361250
PHONE:	+7 (977) 465-12-94 | +91 9123552287
EMAIL:	info.bhimani@gmail.com
GITHUB:	https://github.com/MrBhimani

WORK EXPERIENCE

NOVEMBER 2021 – PRESENT	Research Assistant, School of Data Analysis and Artificial Intelligence Faculty of Computer Science, Higher School of Economics, Moscow
NOVEMBER 2021 – APRIL 2021	Internatioanl Sales Advisor (Coordinator) , Export Department, Varmora Granito Pvt. Ltd. (Varmora Group), India
AUGUST 2019 – MAY 2021	Assistant Professor , Information & Communication Technology, Marwadi Education Foundation (Marwadi University), India

EDUCATION

NOVEMBER 2021 – PRESENT	Ph.D. (2nd Year) , Faculty of Computer Science, Higher School of Economics, Moscow | Advisor: Prof. Attila K. FARKAS Thesis: "Exact p-value calculation for high resolution Tandem Mass Spectrometry data."
JULY 2017 – APRIL 2019	Master of Technology , Control and Automation, Vellore Institute of Technology, India | Advisor: Prof. Monica M. SUBASHINI Thesis: "Automatic Bird Deterrent and Repellent System for Airfield." | CGPA: 8.39/10.0
SEPTEMBER 2018 – JUNE 2019	Research Exchange Internship , Automation and Mechatronics, Saint Petersburg Electrotechnical University "LETI", Russia Advisor: Prof.Anastasia D. SKAKUN | CGPA: 4.8/5.0
JULY 2012 – JUNE 2016	Bachelor of Engineering , Instrumentation and Control, Gujarat Technological University, India | CGPA: 7.28/10.0

ACHIEVMENTS & SCHOLARSHIPS

DECEMBER 2022 |	Bootcamp Hackathon | Machine Learning From Scratch 2022 (2nd Runner Up)	| Certificate
APRIL 2019,2021,2022 |	Open Door: Russian Scholarship Project (3-times Winner)	| Certificate
MAY 2019 |	Study Abroad Scholarship: VIT University (Travel grant)	

PUBLICATIONS

ARTICLE | Kertesz-Farkas A., Adoquaye Acquaye F. L. N., Bhimani K., Eng J. K., Fondrie W. E., Hoopmann M. R., Lin A., MacCoss M. J., and Noble W. S. (2022). "The Crux toolkit for analysis of bottom-up tandem mass spectrometry proteomics data." Cold Spring Harbor Laboratory. | Paper

S. Manna, S. Ghildiyal and K. Bhimani, "Face Recognition from Video using Deep Learning," 2020 5th International Conference on Communication and Electronics Systems (ICCES), 2020, pp. 1101-1106, | Paper

G. R. V. Ponce, K. Bhimani, J. A. Prakosa and M. A. B. Alvarez, "Pattern Recognition Through Digital Image Processing for Unmanned Aerial Vehicles," 2019 IEEE XXVI International Conference on Electronics, Electrical Engineering and Computing (INTERCON), 2019, pp. 1-4, | Paper

S. Ghildiyal, K. Bhimani, G. Mani, M. Subashini and A. Stotckaia, "Control of Wheeled Mobile Robot Using Centroid Algorithm," 2019 Innovations in Power and Advanced Computing Technologies, 2019, pp. 1-4, | Paper

S. Ghildiyal, K. Bhimani and Manimozhi, "Design To Convert a Wired PLC into Wireless PLC," 6 Issue. 2321-9653., | Paper

TRAINING

JANUARY 2023	Winter School on Analytics & Data Science (by HSE University)
APRIL-JULY 2022	GoogleCloudReady Facilitator Program (by Google cloud & Qwiklabs)
FEBRUARY-MARCH 2019	Mechatronics and Robotics (Winter School at LETI University)

PROJECTS

1. **CRUX TOOLKIT FOR MASS SPECTROMETRY DATA ANALYSIS** | Link
   Open Source project to provide group of algorithms and search tools for MS-MS Analysis
   STACK: [PY Python] [html Bootstrap] [C / C++] [Shell Script] [PROTEOMICS TOOLKIT & ALGORITHMS]

2. **SOCIAL MEDIA ANALYSIS FOR VIRUS VULNERABILITY DETECTION** | Link
   To provide meaningful insights about Social media analysis by crafting policy & regulations
   STACK: [PY TwitterBotAPI] [PY Colab] [PY EXPLORATORY & SENTIMENT DATA ANALYSIS] [TIME SERIES]

3. **BIRD CONTROL ANALYSIS & REPELLENT SYSTEM FOR AIRPORTS** | Link
   Technological solution for removing airborne animals and avoid plane bird strikes
   STACK: [PY Python] [IMAGE PROCESSING] [COMPUTER VISION] [ARDUINO] [BIRD REPELLENT & DETERRENT]

LANGUAGES

| ENGLISH: | Fluent | GUJARATI: | Mother tongue | SANSKRIT: | Intermediate |
| HINDI: | Professional | RUSSIAN: | Basic | GERMAN: | Basic |

RELEVANT COURSES & SPECIALIZATION

DECEMBER 2022	Mathematics for Machine Learning: Specialization (3 Courses)	Certificate
DECEMBER 2022	SQL for Data Science (by University of California, Davis)	Certificate
AUGUST 2022	Python: From Scratch to Data Visualization (by HSE University)	Certificate
OCTOBER 2020	AI in Healthcare: Specialization (5 Courses)	Certificate
AUGUST 2020	Python for Everybody Specialization (by University of Michigan)	Certificate
MAY 2020	Introduction to TensorFlow for AI, ML, and DL	Certificate
APRIL 2020	Machine Learning by Stanford Online (by Andrew NG)	Certificate

INTERESTS AND ACTIVITIES

Programming | Reading | Cycling | Meditation | Hosting Activities | Drama artist.