



Dr. Shubham Dipt

Head of Data Engineering and BI

Location

Berlin, Germany

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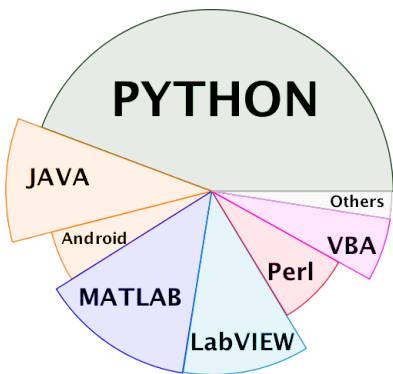
PyPI & Git

PyPI
GitHub
Bitbucket

OS Preference

MacOS ★★★★★
GNU/Linux ★★★★★
Unix ★★★★★
Windows ★★★★★

Programming



Experience

- 09/21 - present **Head of Data Engineering & BI** [iGaming.com, Berlin, Germany](#)
Collection and management of BI data.
Development and maintenance of data pipelines.
Infrastructure orchestration and server management.
Implementation of statistical methods and machine learning algorithms.
Development of BI services including backend and frontend.
- 09/17 - 08/21 **Full-Stack Data Scientist** [iGaming.com, Berlin, Germany](#)
Extraction, organization and interpretation of data.
Building and maintaining the software infrastructure for big data analysis.
Implementation of machine learning algorithms.
Development of statistical methods and tools.
Development and deployment of analytical interfaces.
- 02/17 - 07/17 **Data Engineer** [Styla GmbH, Berlin, Germany](#)
Collecting data to offer the best possible experience for customers.
Taking responsibility and decisions on the technologies to use.
Participation in architecture decisions, complex development tasks and challenging projects around image analysis, data mining, machine learning and our layout algorithms.
- 09/16 - 02/17 **Python/Django Full-Stack Developer** [Lumenaza GmbH, Berlin, Germany](#)
Django CMS
Developing frontend and backend of website
Maintaining the database
Coding and code review
Building new features
- 06/15 - 08/16 **Senior Python Developer** [123makler, Berlin, Germany](#)
Developing and maintaining backend of website using Django
Maintaining the database
Deployment using CloudControl and Heroku
Code review, estimating and assigning new tasks
- 08/11 - 05/15 **Ph.D in Computational Neuroscience** [MPI-DS Göttingen, Germany](#)
Data mining using Python and MATLAB
Image processing and analysis
Machine learning algorithms
Controlling equipments using LabVIEW

Personal Skills



Languages

English ★★★★★
German ★★★★★

Profile

Data Engineer/Scientist with background in Computational Neuroscience

I did my Ph.D in computational neuroscience. Diversity in my experiences is my strength. Programming, problem solving and data analysis define my passion.

Skills

Languages	Python, Shell, JAVA, JavaScript, React Native, Perl, MATLAB, LabVIEW, VBA, HTML, PHP, CSS, \LaTeX
Databases	PostgreSQL, MongoDB, MySQL, Redis, SQLite
Big Data skills	Apache Airflow, Apache Superset, Apache Drill, Apache Nifi, Apache Hadoop, Apache Spark, Apache Kafka, Elasticsearch, ETL/Data warehousing, Power BI
Machine learning	Regression, Clustering, Decision tree, Dimensionality reduction, Bayesian, Neural networks, NLP
AWS skills	EC2, ECR, ECS, EMR, Lambda, S3, RDS, Amazon Redshift, AWS Glue, VPC, Route 53, API Gateway, AWS Step Functions, CloudWatch, CloudFormation, IAM
Web framework	Django, Flask, FastAPI, Django CMS, Pyramid
Technologies	Pandas, GeoPandas, scikit-learn, TensorFlow, Django Channels, Boto, PySpark, Spark SQL, Luigi, Grafana, ELK, Prometheus, npm, DjangoRQ, Celery, Fabric, Gunicorn, Sentry, Stripe, Pug, Sass, Grunt
PyPI contributions	passbolt-python-api,django-microsoft-authentication,django-simple-queue,sql-orm
Deployment	Ansible, Docker, Kubernetes, Jenkins, GitLab, Heroku
Cloud	AWS, GCP, Azure, Heroku
Development	PyCharm, VS Code, IntelliJ IDEA, Sublime, Vim, Docker, Git
Hardware	NI-VISA, Arduino platform
Methodologies	Agile, Scrum, Kanban

Education

2011 - 2015

Doctor of Philosophy (Ph.D)

[Georg-August-Universität Göttingen](#)

[Max Planck Institute for Dynamics and Self-Organization](#)

Title of the Thesis: *"Neuronal mechanisms of odor classification in the Drosophila antennal lobe: an optical imaging study"*.