

Arjoonn Sharma

arjoonn.com, arjoonn.94@gmail.com

An up to date version of this document may be found at arjoonn.com/cv.

arjoonn.com github.com/thesage21 gitlab.com/thesage21 [Twitter/arjoonn1](https://twitter.com/arjoonn1) [Linkedin/in/arjoonn](https://linkedin.com/in/arjoonn)

Timeline	Organisation	Notable tasks
Oct 2019 - current	Premiere Digital	<ul style="list-style-type: none">- Software Engineer (fully remote team)<ul style="list-style-type: none">- Worked as a SE on a website built with flask, sqlalchemy, postgresql, redis, nginx, aws, elasticsearch, and fabric.- Wrote the bug fixing flow documentation for the product.- Managed bug triage during IST work hours.- Built several core features for the website including the notifications system for example.- Improved page response times by optimizing bottlenecks in template rendering functions.- PyJaipur volunteer and meetup organizer (link)<ul style="list-style-type: none">- Organize monthly meetups, community calls- Contribute to community software and maintain pyjaipur.org website.- Ilugd volunteer (link)
July 2019 - Nov 2019	IIITM-Kerala CUSAT	<ul style="list-style-type: none">- Visiting faculty AI and knowledge representation (link)<ul style="list-style-type: none">- The course was managed over gitlab- Used CI to automate assignment testing- Software training: Git + gitlab for the first year MSc students.
May 2017 - Oct 2019	CLAP Research	<ul style="list-style-type: none">- Principal engineer<ul style="list-style-type: none">- Lead a team of 7 on the project to launch the first version of the product called Voody. (link)- Lead the team to build the first document tagging system in the company. (link)- Research engineer on closed domain search system<ul style="list-style-type: none">- Built API service using bottle, nginx, mysql, mongodb, pytorch, and tensorflow.- Developed the first document question-answer system in the company, leading to the first beta of the product.- Developed an automated plug-and-play website helper chat bot without the need for the site to expose its APIs.- Handled DevOps<ul style="list-style-type: none">- Built CT system with gitlab, pytest, and docker- Built CD system with gitlab, docker- Formulated the development cycle and improved feature development speed.- Built the interview management website for the company.- Signal & Noise: Talk, CET (Fb dev circles)- Panelist, Ethics in AI, Dhyuthi (IEEE event) (link)- Won Huddle Kerala (All India startup pitch)- NASSCOM emerge 50 winners (link)- Singularity University talk about Random Forests (link)- Challenges in NLP: Talk, (Fb dev circles)- Workshop on ML in NIT-Calicut
Aug 2017 - Feb 2018	Dept of IT & Comm - Govt of Rajasthan	<ul style="list-style-type: none">- Built API server + phoneGap app for Aanganwaadi project- Lead dev on 2 person team for project
Jan 2017 - Apr 2017	Ernst & Young	<ul style="list-style-type: none">- Advanced data analytics intern doing Monte Carlo based mutual fund inflation rate calculation- Increasing sample efficiency of classic Q learning system as MSc project

Arjoonn Sharma

arjoonn.com, arjoonn.94@gmail.com

An up to date version of this document may be found at arjoonn.com/cv.

		<ul style="list-style-type: none">- Won all India hackathon by Govt of Rajasthan 3/3700 (link)<ul style="list-style-type: none">- Built a website to train your own image classifiers and receive predictions on new data.- Proposed that it may be used to provide expertise to remote villages where actual expert person might not be able to travel.
Aug 2015 - Apr 2017	IIITM-Kerala CUSAT	<ul style="list-style-type: none">- MSc. Computational Science (first division, university rank 3)- Ranked 7 / 3902 in the HackerEarth SigTuple image segmentation challenge. (link)- Kaggle Kernels Expert with a world rank of 39/ 55,000 (link)- Featured on the Kaggle Blog, No free Hunch. (link)- Founded SigML(Special Interest Group, Machine Learning)
June 2016	64 Squares	<ul style="list-style-type: none">- Built web dashboard for analytics app- Performed data cleaning, deduplication- Participated in Kaggle contest under company supervision
July 2012 - May 2015	St. Stephen's College DU	<ul style="list-style-type: none">- BSc. Physical Sciences, (first division)- All india Scholarship for Higher Education (INSPIRE - Department of Science and Technology) awardee for all 3 years of BSc.- Vikas Dhaka Scholarship awardee- President of the Web Team<ul style="list-style-type: none">- Built the college website prototype along with a friend which later formed the base for the new website.- Submitted a report on digitizing activities in the college to the principal which was later acted upon.- We worked to build the Computer Society from 5 to 32 members in 2 academic years. (Head Programmer)
2009-2012	DPS Sushant Lok	<ul style="list-style-type: none">- AISSCE, AISSE (CBSE) Exams (School rank 2 in class 12 exams)- AFS All India "India Thailand Student Exchange" member- National CBSE Science Exhibition - All India winner- Head boy in class 12 and Vice head boy in class 11<ul style="list-style-type: none">- Formulated the student council structure during that time.

References can be made available upon request.

Memorable Events

- GRE(327/340+4/6)
- TOEFL(108/120)
- GATE(483)
- NET qualified
- Function type signature search <https://github.com/theSage21/sigsearch>
- PyJaipur core member <https://github.com/orgs/PyJaipur/people>
- Reproduction of the Lorentz embeddings paper <https://github.com/theSage21/lorentz-embeddings>
- Author of bottle-tools <https://bottle-tools.readthedocs.io/en/latest/>
- Reproduction of Stochastic Delta Rule https://github.com/theSage21/stochastic_delta_rule
- Recurrent Weighted Average implementation <https://github.com/theSage21/torchzoo/>
- Line laser based 3d point cloud generation <https://github.com/theSage21/3d-scanner>
- Did @dabeaz compilers course <https://www.dabeaz.com/compiler.html>
- Contributed new dataset to Facebook ParlAI <https://github.com/facebookresearch/ParlAI/pull/983>
- OSFY: An overview of AI <https://opensourceforu.com/2017/12/story-behind-pervasive-ai/>
- OSFY: Managing your reading with espeak <https://opensourceforu.com/2016/06/bookread-software-reads-books-aloud/>

Arjoonn Sharma

arjoonn.com, arjoonn.94@gmail.com

An up to date version of this document may be found at arjoonn.com/cv.

- OSFY: Open Judge <https://opensourceforu.com/2015/11/openjudge-an-online-judge-for-offline-programming-contests/>
- OSFY: Converting plaintext to handwriting <https://opensourceforu.com/2016/11/converting-plain-text-handwritten/>
- OSFY: Coding in indic languages <https://opensourceforu.com/2015/09/pytongue-programming-in-non-english-languages/>