

Jui Shah

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EDUCATION

DAIICT, Gandhinagar, India

Expected:

May, 2021

B.Tech. in ICT with Minors in CS

Cumulative GPA: 8.77/10.00

Udgam School For Children, Ahmedabad, India

2017

Higher Secondary School

Percentage:

92.2%

Relevant Coursework: Machine Learning, Probability, Statics and Information Theory, Data Structures and Algorithms, Software Engineering, Operating Systems, DBMS, Groups and Linear Algebra, Computer Networks, Systems Software

Scholarships: Merit Scholarship (full tuition fee waiver) offered to top 5 applicants during admission and maintaining GPA above 8

PUBLICATIONS

- Harshit Malaviya, **Jui Shah**, Maitreya Patel, Jalansh Munshi, and Hemant A. Patil, "MSPEC-NET: MULTI-DOMAIN SPEECH CONVERSION NETWORK", *Int. Conf. Acoust. Speech, and Signal Process. (ICASSP)*, Barcelona, Spain, May 04-08, 202
- Maitreya Patel, Mirali Purohit, **Jui Shah**, and Hemant A. Patil, "CinC-GAN for Effective F0 prediction for Whisper-to-Normal Speech Conversion", *EUSIPCO 2020*, Amsterdam, the Netherlands
- Divyesh Rajpura, **Jui Shah**, Maitreya Patel, Harshit Malaviya, Kirtana Phatnani and Hemant A. Patil, "Effectiveness of Transfer Learning on Singing Voice Conversion in the Presence of Background Music", *SPCOM 2020*, Bangalore, India
- **Jui Shah** and Arjun Bhasin "Real-Time Neural-Net Driven Optimized Inverse-Kinematics for a Robotic Manipulator Arm", *International Conference on Advanced Machine Learning Technologies and Applications (AMLT)*, Jaipur, India, 2020

PROFESSIONAL EXPERIENCE

Deutsche Bank DBOI, Pune, India

May, 21 – June, 21

Technology Analyst Summer Intern

- Created an Online Broker Dashboard prototype to increase broker productivity
- Followed industry standards during the **full stack development** by using **Agile** Methodology
- Implemented using **MEAN Stack**, Protractor for **e2e testing**, Karma-Jasmine for unit testing and Postman for testing the backend

Speech Research Lab, DAIICT, India

Jan, 20 – Feb, 21

Undergrad Deep Learning Researcher

- An active member of the lab and working alongside PhD and Master students in an intellectual setting to aim and publish high quality research papers at top notch conferences.
- Have worked in the Voice Conversion domain with major emphasis on using Deep Learning Architectures such as GANs to beat and achieve the State Of The Art(SOTA) results

Microsoft Codess, India

May, 20 – June, 20

Mentee

- Selected for a summer mentorship program by Microsoft for girls nationwide
- Performed take home assignments and attended webinars that helped build technical(coding) and non-technical skills.

Other Professional Experience: Summer Intern at AMNEX InfoTechnologies Pvt. Ltd., Conducted sessions for SisCode (an initiative to increase involvement of girls in Competitive Programming), Internshala student partner

LEADERSHIP & AFFILIATIONS

Leadership: Core Member of IEEE MISIG(Machine Learning Student Interest Group), IEEE WIE Member

Affiliations: Coordinator for i.Web, iFest 2018, IEEE; Volunteer for Shailee()Lit. quiz event), Synapse 2018; Player in Girl's basketball team (2017-2018)

SKILLS

Languages: Python, C, C++, MATLAB, JavaScript, Typescript

Tools and Tech: PyTorch, Deep Learning, Machine Learning, Data Structure and Algorithms, Object Oriented Programming, MEAN Stack, Agile Methodology,