

# NIDHISH SHAH

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## EDUCATION

**EINDHOVEN UNIVERSITY OF TECHNOLOGY (TU/e)** | Sept, 2020 – Present

BSc. Computer Science & Eng

- GPA: 9.2/10 (US: 4.0/4.0)
- Relevant coursework: Introduction to Programming (Java), Data Structures & Algorithms, Data Analytics, Web Technologies, Linear Algebra

**TU/e HONORS ACADEMY** | Jun, 2021 – Present

Artificial Intelligence Track

- Development of practical experience through NeurIPS competition track, Kaggle, and ML projects.
- Workings towards research in Deep Reinforcement Learning and publication.

## EXPERIENCE

**SHELL** | Jul, 2021 – Aug, 2021

Artificial Intelligence Intern

- Developed probabilistic models to forecast regulation state for power trading in the volatile balancing market.
- Achieved test accuracy of 87% on 75min ahead predictions. Results achieved were state of the art.

**EINDHOVEN UNIVERSITY OF TECHNOLOGY** | Sept, 2021 – Present

Teaching Assistant | Introduction to Programming

- Conducted instructions for 75 students, solved doubts and explained concepts of Java programming.
- Created test-cases for automatic evaluation of programming assignments.

## HONORS

**DEEPLARNING.AI** | Jul, 2021 – Sept, 2021

Data Centric AI Competition

- Winner; Ranked 3rd out of ~500 submissions ; Honourable mention by Andrew Ng for top performance.
- Employed methods such as AutoAugmentation, Voting Ensembles, Style Replication & Active Learning.

## PROJECTS

**TECHNICAL WRITING**

- Published an article on DEV.to on the top 5 SCSS mixins to improve developer productivity.
- Received 1800+ views, 40+ saves; Used by 25+ colleagues for a coursework project on Web Development.

**TWITTER EMOTION DETECTION**

- Trained a custom CNN-Bidirectional LSTM to classify text into 6 emotions; test accuracy up to 89%.
- Deployed model using TensorflowJS and integrated with Twitter API to identify most popular emotion for given hashtag.

## ADDITIONAL

**LANGUAGES:** Python

**EXTRACURRICULAR:**

**Google Developer Student Club | Technical Lead**

- Conduct and organize technical workshops for members on topics like AI, web-dev, mobile-dev.
- Cooperate with events-lead to bring external speakers to present their projects.

**Honors Academy TU/e | AI-Track Representative**

- Help define and improve the AI curriculum based on feedback from peers in the track.
- Organize research-reading clubs, idea sharing meetups, and other events in collaboration with the track coordinator.