Yen-Yu Chang

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EDUCATION

Technical University of Munich   Bavaria, Germany

Master of Science | Robotics, Cognition, Intelligence   *10/2020-Present*

- Focus: DL/ML, Autonomous Vehicle, Natural Language Processing

Seoul National University   Seoul, Korea (Republic of)

Master of Science | Graduate Exchange Student   *09/2021-02/2022*

Technical University of Munich   Bavaria, Germany

Bachelor of Science | Mechanical Engineering   *10/2016-09/2020*

- Focus: Automation, Industrial Software Development
- Bachelor's Thesis:

    "Evaluation of Approaches for Digitizing Printed Electric Circuit Diagrams
    to Structured and Machine-Interpretable Models Within a Framework"

WORK EXPERIENCE

Data Quality Assurance Engineer at ParkHere GmbH (Munich)   *06/2020-12/2020*

- Automated the data quality testing process *(JavaScript/Jest)*.

Software Quality Assurance Intern at ParkHere GmbH (Munich)   *03/2020-05/2020*

- Supported in automating the software testing process *(JavaScript/Jasmine/Appium)*.
- Produced software demonstration videos to improve user-experience of the software products.
- Established and automated the data quality testing process *(JavaScript/Jest)*.

Student Assistant at Technical University of Munich (Munich, Germany)   *10/2017-10/2018*

- Developed Speech-Recognition-Assistant for automated production system *(C# / Java)*.
- Assisted the web-development for training manual *(HTML / CSS)*.

Metal Construction Intern at Klamroth + Schwarz GbR (Braunschweig, Germany)   *05/2016-07/2016*

- Assisted in design, planning and production of steel- and special constructions.
- Managed customer's acquirements and assisted in project management.

EXTRA-CURRICULAR ACTIVITIES

Video Producer at European Young Engineers (EYE) (Munich)   *10/2020-Present*
- Responsible for building a video production team which is capable of consistently producing high quality video contents.
- Co-produced and edited the series horEYEzon, including interviews with BCG chairman and Linde Engineering CEO.

Cinematographer & Editor (Worldwide)   *03/2018-Present*
- DP in various projects including performance art, commercial advertisements and music videos.
- Participated in Business Competitions such as P&G CEO Challenge as DP and Edit.

Translator (Germany)   *05/2017-Present*
- Participated in various event at Deutsche China Gesellschaft as Chinese-German translator; Work in various exhibitions and company tours such as Electronica, BAU, Gmund and BMW Factory as Chinese-German-English translator.

Participant at Start-Up Accelerator Program Edventure   *01/2021-04/2021*
- Participate in the pan-European accelerator program as development team member for project SUMM, an AI based summarization assistance for meeting and conferences.

Student Researcher at TUM.ai, Technical University of Munich   *10/2020-10/2021*
- Participate in academic research projects in cooperation with OpenAI as developer;

Chinese Students and Scholars Association Munich   *06/2017-12/2019*
- Participated in CSSA Buddy Program; Provided assistance for international students.

President/Crew Leader, Fusian Dance Crew, Technical University of Munich   *05/2017-07/2018*
- Co-founded the dance crew; Organized various performances in events such as ACO 2017 Summerfest and CSSA Spring festival 2018, where over 600 people attended; Accredited Fusian Dance Crew as an official student group at TUM.
- Designed advertising materials; Organized various events and classes such as Freshmen Week; Took part in TUM 150 Years Anniversary and managed dance video project with University Libraries.

ADDITIONAL

- Languages: Mandarin Chinese (Native), German (Fluent), English (Fluent), Korean (Conversant).
- Computer: Programming (Python, Java, JavaScript, MATLAB, C++, C#, HTML, CSS, XML),
            3D Modeling (CAD Inventor), Cinematography & Art (Adobe Suite), Application (MS Office)
- Other Skills & Interests: sports-climbing/bouldering; music instruments (piano, violin, drums).