

# Ziyang Lin

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Sheffield, UK

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Objective: 2022 Full-time Software Engineer

## SUMMARY

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- CS student at the University of Sheffield
- Have completed my second-year course in the 2019-2020 academic year with first-class performance
- My further goal is to devote myself to industries involving natural language processing / digital signal processing / music technology in the UK
- In the 2020-2021 academic year, I took a leave from the university
- Expect to complete my undergraduate course in the summer of 2022
- Able to commit from July 2022

## EDUCATION EXPERIENCE

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### The University of Sheffield

Sep 2018 - Jul 2022

Computer Science and Artificial Intelligence (Second year's GPA: 74)

Sheffield

2nd Year Relevant Coursework:

- Data Driven Computing (Foundations of Machine Learning & Python)
- Functional Programming (Haskell) - AVG: 93
- Logic in Computer Science - AVG: 93
- Automata, Computation and Complexity - AVG: 79
- Robotics (ROS, Webots) - AVG: 78
- Cognitive Psychology

3rd Year Relevant Coursework (currently):

- Speech Processing
- Software Hut (Group Project, Agile Software Development based on Ruby on Rails)
- The Intelligent Web (Group Project, Node.js, Express, Ajax, socket.io, IndexedDB, MongoDB, Swagger, WebRTC)
- Adaptive Intelligence (Foundations of Deep Learning & Reinforcement Learning)

3rd Year Dissertation Project (currently):

- Speech Embeddings (Research & Development Project)

## RESEARCH EXPERIENCE

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### Imperial College London Summer NLP Course + Project

Jun 2020 - Aug 2020

Summer Online Research Student

- Participate in the 2020 NLP online research summer program directed by professor Lucia Specia at Imperial College London.
- The project aims to develop regression and classification models to assess Humor in Edited News Headlines (in English).
- Please feel free to check out my personal page or my Github home page for details of my project and the work that has been done by me.
- Here is the link to the reference letter: [Reference Letter](#)

## LEADERSHIP EXPERIENCE

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### University of Sheffield AI Society

Sep 2020 - Jul 2021

Event Officer

Sheffield

- Elected as the event officer of the AI Society for the 2020-2021 semester
- Individual event officer is responsible for leading a project (planning a workshop or a talk)

## KNOWLEDGE

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- Machine Learning, Deep Learning, Natural Language Processing, Music Theory (Fundamentals)
  - Linear Algebra, Multivariable Calculus, Probability Theory
  - Digital Signal Processing

## SKILLS

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Python, PyTorch, NumPy, Java, Haskell, ROS, MySQL, JavaScript

## LANGUAGES

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- English (Fluent)
- Chinese (Native)