

Jenny Chim

EDUCATION	Ph.D. Computer Science , Queen Mary University of London	2020 – present
	<ul style="list-style-type: none">Working on synthetic data generation and evaluation for longitudinal natural language processing, with a focus on mental health applications.Co-organising the Data Science for Mental Health interest group at the Alan Turing Institute.	
	M.Sc. Speech and Language Processing (distinction), The University of Edinburgh	2018
	<ul style="list-style-type: none">Thesis: "Exploring neural networks for named entity recognition in radiology".<ul style="list-style-type: none">Implemented deep learning models to label stroke and microbleed entities in electronic health records, and compared model performance against that of a hand-crafted system.	
	B.A. Psychology , University of California, Los Angeles	2017
	<ul style="list-style-type: none">Minor: Linguistics	
EXPERIENCE	Data Scientist , EF Education First	2018 – 2020
	<ul style="list-style-type: none">Machine learning R&D<ul style="list-style-type: none">Delivered assessment models and reports on the automatic classification of course content, user behaviour, teacher feedback, and student responses.Utilised: <i>scikit-learn</i>, <i>Pytorch</i>, <i>Tensorflow</i>; <i>Flask</i>; <i>Docker</i>; <i>streamlit</i>.Data engineering<ul style="list-style-type: none">Designed and built data extraction, transformation and loading workflows.Maintained data ingestion pipeline.Utilised: <i>Airflow</i>, <i>Kafka</i>, <i>Spark</i>.Product analytics<ul style="list-style-type: none">Built interactive dashboards to support reporting and real-time analytics.Utilised: <i>NumPy</i>, <i>pandas</i>, <i>matplotlib</i>, <i>seaborn</i>, <i>D3.JS</i>.	
	Human Testing Technician , University of Edinburgh	2018
	<ul style="list-style-type: none">Managed data collection, stimuli processing, and subject recruitment for eye-tracking experiments studying infant metacognitive sensitivity.	
	Research Assistant , The Hong Kong Polytechnic University	2017
	<ul style="list-style-type: none">Recruited subjects, produced IPA transcriptions, prepared stimuli, and performed acoustic analyses for speech production experiments examining f0 perturbation effects.	
	Undergraduate Research Assistant , University of California, Los Angeles	2016 – 2017
	<ul style="list-style-type: none">Supported research at the Language Processing Lab.Annotated corpora, prepared audio stimuli, and ran psycholinguistics experiments.Methods include eye-tracking, self-paced reading, lexical decision, and questionnaires.	
	Undergraduate Research Assistant , University of California, Los Angeles	2016 – 2017
	<ul style="list-style-type: none">Supported research at the Language and Cognitive Development Lab.Recruited participants, collected data at local preschools, and coded experiment data in projects studying effects of early language environment on child metacognition.	
SKILLS	Programming/Scripting Python, Scala, SQL, R, Praat	
	Natural Languages <i>Native</i> : English, Cantonese, Mandarin Chinese <i>Working proficiency</i> : Japanese	