

# Jenny Chim

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