Sean Robertson

PhD Student - Computational Linguistics - University of Toronto

Education

2022–pres	**Postdoctoral Fellowship**, *University of Toronto*
	Speech recognition; pre-training; low-resource languages.
2016–2023	**PhD in Computer Science**, *University of Toronto*
	Speech recognition; deep learning; digital signal processing. Convocation Nov. 2023.
2013–2015	**MSc in Computer Science**, *University of Toronto*
	Computer-assisted pronunciation training; speech recognition; digital signal processing.
2008–2013	**BCS Hons, co-op**, *Univeristy of Waterloo*

Experience

2020	**AI Engineer**, *Sun Life Financial*
2014–2018	**Contract Work**, *Speax Inc.*
	Speech recognition for mobile app.
2012	**Undergraduate Research Assistant**, *University of Waterloo*
	Human-Computer Interaction lab.
2012	**Undergraduate Research Assistant**, *University of Waterloo*
	Artificial Intelligence lab.
2011	**Undergraduate Research Assistant**, *University of Waterloo*
	Databases lab.

Awards

2023	**Vector Faculty Affiliate Researcher**, *Vector Institute*
2022–2023	**Postdoctoral Fellowship**, *Data Sciences Institute*
2018–2019, 2021–2022	**Vector Postgraduate Affiliate**, *Vector Institute*
2017–2020	**Canadian Graduate Scholarship – Doctoral**, *National Sciences and Engineering Research Council of Canada (NSERC)*
2016	**Ontario Graduate Scholarship**, *Government of Ontario/University of Toronto*
2014–2015	**Canadian Graduate Scholarship – Master's**, *NSERC*

Skills

Speech Recognition	Machine Learning
PyTorch	Kaldi

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