

Jonathan Perrie

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Experience

2022 – 2025	Grad student , Pellegrini Lab @ UCLA <ul style="list-style-type: none">Finding spatially significant patterns in genomic data
2018 – 2020	Pre-grad intern , Laboratory of Epigenome Biology @ NHLBI <ul style="list-style-type: none">Benchmarking genomic single-cell sequencing assays
2016 – 2019	Grad student , Dan Brown & Peter van Beek @ UWaterloo <ul style="list-style-type: none">Metric evaluation using Billboard song features
2015 – 2016	Research assistant , Beiko Lab @ Dalhousie <ul style="list-style-type: none">Heuristics for clustering temporal data

Education

2020 – 2025	PhD, Bioinformatics @ UCLA <ul style="list-style-type: none">Spatial transcriptomics in pulmonary tuberculosis
2016 – 2019	MMath, Computer Science @ UWaterloo <ul style="list-style-type: none">Modelling hit song chart trajectories
2012 – 2016	BSc (Hons), Computer Science & Statistics @ Dalhousie <ul style="list-style-type: none">Metagenomics time series clustering

Teaching

2024, 2025	MCD BIO 187	Research Immersion Laboratory in Genomic Biology @ UCLA
2022	C&S BIO 185	Thesis Research Opportunities in Computational and Systems Biology @ UCLA
2020, 2021	BIOF 045	Bioinformatic Analysis of NGS Data @ FAES-NIH
2018	CS 492	Social Implications of Computing @ UWaterloo
2017	CS 486	Introduction to Artificial Intelligence @ UWaterloo
2016, 2017	CS 330	Management Information Systems @ UWaterloo
2015	CS 1100	Computer Science I @ Dalhousie