

# Kieran Daniel LAMB

## PERSONAL DATA

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## EDUCATION

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SEP 2020 - Present	<b>University of Glasgow, University of Edinburgh</b> PHD PRECISION MEDICINE RESEARCH: <i>Applying machine learning models to genome data to understand the evolution of drug resistance from virus to cancer evolution</i> Advisors: Professor David ROBERTSON, Dr Ke YUAN
SEP 2019 - Sep 2020	<b>University of Glasgow</b> MASTER OF SCIENCE IN BIOINFORMATICS WITH DISTINCTION DISSERTATION: <i>Extracting and Interpreting Mutational Signatures from SARS-CoV-2 Genomes</i> Advisors: Professor David ROBERTSON, Dr Ke YUAN, Grade: A
SEP 2015 - June 2019	<b>University of Glasgow</b> BACHELOR OF SCIENCE WITH HONOURS OF THE FIRST CLASS IN COMPUTER SCIENCE, <i>with a Specialism in Human Computer Interaction</i> DISSERTATION: <i>Efficient visualisation and annotation of intratumor heterogeneity analysis</i> Advisor: Dr Ke YUAN, Grade: A
AUG 2009 - June 2015	<b>St Ninian's High School, Giffnock</b> EXAM RESULTS: Advanced Highers: A,B. Highers: 5 A's & B

## WORK EXPERIENCE

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JUL 2019- MAR 2020	<b>Web Developer Intern for PACITTI JONES, Glasgow</b> Aided in the design and implementation of a CRM system for the company, while also helping to develop in-house tools and scripts.
AUG 2018 - JUNE 2019	<b>Web Developer Consultant for AIROLUGGAGE, Glasgow</b> Offered assistance and aid to the ongoing development and maintenance of the Airo luggage website. Includes providing knowledge about the implementation, deployment and management of the site.
JUN 2018 - AUG 2018	<b>Web Developer Intern at SKUNKWORX, Glasgow</b> Full-Stack developer on the Airo luggage website. Aided in the design, implementation, and deployment of the website. Involved in client meetings, work flow organization and repository management and maintenance.

## TECHNICAL SKILLS

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Lauguages/Libraries: PYTHON, JAVA, C, R, PERL, JAVASCRIPT, MySQL, MONGODB, HTML, CSS  
FLASK, NODEJS, DJANGO, NUMPY, MATPLOTLIB, SCIPY, D3JS  
IGRAPH, SK LEARN, PANDAS  
Operating Systems: WINDOWS, LINUX (UBUNTU),MAC OS,