Name: Anton Leigh Farmer
Age: 33
Address: Bristol, BS34
Contact Number: +447506699418
E-mail Address: *antonleighf@gmail.com*
Nationality: British
LinkedIn: *linkedin.com/in/antonlf*
GitHub: *github.com/lachesis17*
Portfolio: *lachesis17.github.io/portfolio*

Qualifications & Skills:
▪ 7 GCSE's at grade B or higher.
▪ BND Music (BTEC National Diploma) (x3 A-level equivalent)
▪ **Hobbies:** *Music, Photography, Cooking, Travel, Technology*
▪ **Programming:** *Python, PyQt, PySide, Pandas, Numpy, matplotlib, C++, Qt, JUCE, CMake, Git, Django, Flask, PostgreSQL, AWS, REST APIs, scipy, scikit-learn, Altair/Vega, SQL, SQLAlchemy, QtCharts, PyQtGraph, PyGame, VBA, JavaScript, HTML, CSS, AGS, Powershell / CMD Terminal*
▪ **Software:** *Windows, VSCode, QtDesigner, Photoshop, Reason, Reaper, Davinci Resolve, OBS Studio, QGIS, Excel, Office*

Data:

▪ *Geoquip Marine* – Software Engineer – Bristol - March 2021 – current
 − Develop, maintain and test portable desktop applications built with Python / PyQt / QtDesigner
 − Develop/maintain in-house tools utilising VBA, SQL and Excel
 − Data set manipulation, statistical analysis and parameter derivation using Pandas and Numpy
 − Data visualisation with pyqtgraph, matplotlib, QtCharts, PowerBI, Altair / Vega / JavaScript
 − Version control using Git/GitHub desktop and documentation
 − Data deliverables for project reporting in formats including GIS, .ags, borehole logs
 − Data management and QA/QC of offshore/onshore laboratory testing and scheduling
 − Database frameworks using Django / Flask, PostgreSQL / SQLite3

 PyQt projects:

 ### AGS GUI
 - GUI made for viewing, editing and processing AGS4 data format
 - Uses a subclassed QAbstractTableModel and QTableView, promoted in QtDesigner
 - TableViews function like excel spreadsheets to view and edit data
 - Parses AGS4 data into Pandas dataframes
 - Qt.CustomContextMenus to manipulate data, with edits applied to the original dataset
 - SQL queries with pyodbc and SQLAlchemy to "match" sample data to an access database
 - Counts results per test type, distinguishing between onshore and offshore results
 - Checks the file for errors using the AGS standard with python-ags4
 ### AvgCPT
 - GUI that gives averages and statistical analysis on Cone Penetration Testing
 - Utilises object-orientated programming to perform linear regression with scipy and numpy, to remove outliers on both dependent and independent stat analysis models
 - Creates PDF reports with matplotlib, with profile/design lines from the stat analysis class
 - Averages values for selected depths and parameters within a geological layer
 - Uses pyqtgraph to plot individual CPT parameters and trims them with a pg.InfiniteLine

Hospitality:

- Chef de Partie - *Harvey Nichols 2nd Floor* - Bristol - June 2019 - Jan 2021 (UK)
- Sous Chef - *Craft Bierhaus* – Revelstoke - Aug 2018 - March 2019 (CAN)
- Chef de Partie - *112 Restaurant* - Revelstoke - Nov 2017 - Aug 2018 (CAN)
- Sous Chef - *Fiddle River* – Jasper - March - Nov 2017 (CAN)
- Chef de Partie - *Best Western* - July 2016 - Jan 2017 (UK)
- Demi Chef - *Eagle Bay Brewery* - Dunsborough - Sept 2015 - Feb 2016 (AUS)
- Demi Chef - *Pullman Bunker Bay* - Dunsborough - June 2015 - Sept 2015 (AUS)
- Pasta Chef - *Ruffinos Pizza* – Paihia - Nov 2012 – Jan 2013 (NZ)
- Kitchen hand - *Waterside* - Lake Taupo from January - Aug 2012 (NZ)
- Kitchen hand - *Pier 19* – Queenstown - March 2011 - Aug 2012 (NZ)
- (50 months) part-exchange for accommodation (NZ & AUS 2011- 2016)
- Self-employed musician - Cyprus - 2009