Résumé

Name: Matthew Feldman
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Programming:

- Technical competencies: C/C++, SQL, Python, R, and Matlab
- Currently self-teaching graphics programming utilizing c++, and learning the associated object orientated programming principles
- Competent in following mathematics: linear algebra, vector calculus, differential equations, real analysis, probability, statistics, and stochastics
- Github: https://github.com/onewordwitticism

Employment History:

MEX Maintenance Software - Support Programmer (03/08/2020 – 03/10/2020)

- Daily phone, email, and web-chat based contact with clients to successfully solve their MEX software bug reports and general usage queries – this was achieved through:
- SQL Server Management Studio (SSMS) to run diagnostic queries on clients MEX hosted databases
- SQL query modification/creation for clients reports they needed modified
- Study of the applications control flow for diagnosis, involving; front-end browser interface (html/css/js), web-server and SQL server calls/responses inputs and outputs

Australian Taxation Office - Graduate Analyst (APS3) (02/02/2020 – 24/07/2020)

- Use of R-studio to build and develop generalized linear models aiming to explain sole trader lodgement behaviour
- Obtained baseline clearance to access classified client data (when using virtual machines)
- Further development of my stakeholder management skillset through individual and teamwork based projects
- Training in the taxation system as a whole throughout the first half of the APS graduate program

Centre of Excellence for Biosecurity Risk Analysis (CEBRA) - Summer Internship (2019)

My responsibilities and learning opportunities included:

- Data cleaning, and analysis incorporating mixed-effects linear models
- Significant time developing skills as an entry level statistician and in the use of R statistical software
- Experience starting and using instances on Amazon Web Services (AWS)
- Education on analysis techniques used in current Australian biosecurity research and policy (e.g. statistically formulated risk maps of Australia)

Research Assistant – Griffith University (01/10/2015 – 01/06/2016)

Employed as a research assistant to help perform federally funded health research. The project was clinical neuroscience based using transcranial neural stimulation techniques to investigate lateral epicondylalgia. My responsibilities included:

- Working in a team environment and assisting in the research design protocol
- Control of software and hardware during experimental testing sessions
- Preliminary data analysis for academic publication
- First exposure to software and was responsible for creating small script to help run the experimental session hardware

Hospitality

Growing up in a hospitality based region means that I've had an extensive (7+ years) exposure to the hospitality industry. Working across all the varied front of house positions I've developed a strong ability to communicate with people from all different areas of life. I believe that this is a strong point of my skillset, and I often use this aspect to increase productivity or to de-escalate potential problem situations before they arise.

Education:

University of Melbourne (Graduated 2019) **–** B-SCI (Mathematics – Major: Statistics and Stochastic Processes)

Griffith University (Graduated 2014) **–** BExSc (1st class honours)

- Griffith Award for academic excellence
- Awarded honours scholarship for allied health sciences
- Successful neuroscience honours and research assistant work led to two publications listed in Appendix A

Appendix A:

- Characterising neurophysiological mechanisms underpinning lateral epicondylalgia: A case control study. Authors: L. Bisset, M. Carty, M Feldman, J. Kavanagh. *Journal of Science and Medicine in Sport (Vol. 20, e111-e112: 2017)*
- Maximal intermittent contractions of the first dorsal interosseous inhibits voluntary activation of the contralateral homologous muscle. Authors: J Kavanagh, M Feldman, M Simmonds. *Journal of Neurophysiology (Vol. 116, No 5: 2016)*