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# LEWIS BRITTON

*Master of Science* SOFTWARE DEVELOPMENT *Student*  
*Bachelor of Arts* FINANCE

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## Introduction

- **Master of Science** student of Software Development at the University of Strathclyde, as a **ScottishPower Scholar**.
- **Bachelor of Arts** with **First Class Honours** graduate of Finance at the University of Strathclyde. Focus on *quantitative methods, asset pricing, corporate investment, and corporate financing*. For more information on classes and projects visit my [academia](#) page.
- Through my interests, education and employment, I have constructed an ability to set and attain goals efficiently, organise and plan in depth and maintain a strong work ethic, in balance. Visit my [employment](#) page for more.
- I value honesty and respect to satisfy the right and the greatest amount of people for the objectively correct reasons. This requires a dynamic and versatile attitude which I take pride in practicing.

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## Skills

PROFESSIONAL	Financial Theory, Economic Theory, Econometric Methods, Mathematics & Statistics, MATLAB & Gretl, Microsoft Excel & Visual Basic, Autodesk Computer Aided Design (CAD), Serif & Adobe Desktop Publishing (DTP), Sales & Marketing Methods
CONDUCT	Organisation & Structure, Logic & Accuracy, Efficiency & Care, Rationale & Pragmaticism, Maturity & Strong Conduct, Strict Consistency, Honest Where Appropriate, Competitiveness & Completionism, Exceedingly Punctual, Confident & Charismatic, Professional Linguistics & Accent, Exceptionally Independent, Self-Sufficient, Truth to Self, Well-Practiced Manners & Generosity, Empathetic & Caring for Others, Unique & Diverse Humour

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## Academia

2021–PRESENT	<b>M.Sc. in Software Development</b> <i>University of Strathclyde, Glasgow</i> ...
2017–2021	<b>B.A. Honours in Finance</b> <i>University of Strathclyde, Glasgow</i> Honours year focus on <i>quantitative methods, asset pricing, corporate investment, and corporate financing</i> . Dissertation based on market efficiency and the Seasonal Effect in the US stock market.  <b>Theoretical &amp; Empirical Finance:</b> developing knowledge and understanding of corporate finance analysis and planning. Including capital budgeting, capital depreciation, inventory management, risk management, Black & Scholes option pricing and foreign corporate exchange. Also involving extensive statistical Excel/Visual Basic usage. Introducing application of portfolio optimisation techniques such as mean-variance analysis, portfolio frontier analysis and Sharpe testing. Executed through MATLAB. Furthermore, this involved the development of Options and Futures market derivative pricing, in addition to the management of international risk and exchange.

**Microeconomics & Macroeconomics with Econometrics:** aiding skills derived from advanced algebra with economic application and use of cross-section econometric regression and descriptive statistical analysis through the package Gretl. This skillset involved practical application of personal/corporate choice, game theory and public economics. Macro applies various analytical and statistical analyses observing monetary and fiscal policy, wage and price setting, output functions and global economics in time-variant econometric analysis.

2017–PRESENT

**Extra-Curricular**  
*University of Strathclyde, Glasgow*  
 ScottishPower Scholar, Strathclyde University Mountaineering Club, Student Ambassador Team, Unibuddy Administrator, Widening Access Team, ‘One Step Forward’ Event, MATLAB Projects, Gretl Projects, Microsoft Excel Projects, EY Security Project

Employment

2021

**Costa Coffee: Barista**  
*Glasgow City, Glasgow*  
 A first-time barista at the Glasgow Central Station Costa Coffee. As expected, this involves various fun and relaxing roles such as front-of-house customer interactions, including the rush-hour(s) mobs; till and cash management; stock management; cleaning and basic maintenance of tools and equipment; and of course, making a stunning array of coffees and cold drinks.

2019–2021

**Virtuous Truffle Company: Owner**  
*Giffnock, East Renfrewshire*  
 I care for the production of high quality luxury goods. This premium confectionery company is my way of presenting my love for indulgence, extravagance and high quality production methods. It has allowed me to showcase and develop my skills in business management methods such as stock management, financial record keeping, operations management, marketing and graphic design.

2019–2020

**Lakeland PLC: Retail Assistant**  
*Glasgow City, Glasgow*  
 It started as completing morning deliveries like Jeff Bezos on day one, to selling a record number of products like The Wolf while on front of house demonstrations; 400% more than the runner-up on my best performing day. Lakeland offered me development from all angles, social and economic. I’ve received multiple cases of praise regarding my “impeccable” customer service and understanding of social desires. I was trusted to open and close store, manage the store funds and stock and have perpetual input in the store marketing and sales. I provided a strong, kind and reliable face by adopting a customer-centric nature. My excellent relationship with my boss allowed transparency and freedom which translated to efficiency and a strong understanding of operations. Lakeland is a place of strong hierarchical and consumer intimacy and thus, provided me with great joy.

2018

**J Sainsbury PLC: Customer Service Assistant**  
*Shawlands, Glasgow*  
 I was responsible for the primary operations such as till and cash management, stock management, handling of lottery, liquor and tobacco, and general store maintenance. The Sainsburys ‘Think 25’ protocol introduced me to analysing and identifying human age at a rapid pace while serving particular customers. I was presented with ‘challenges’ such as attempted violence and extremely minor robberies. These were a great opportunity for developing my management of people.

2018	<div><div><b>Sedgwick Group PLC: Customer Service Agent</b></div><div><i>Glasgow City, Glasgow</i></div><div>I managed traffic from policyholders, clients and adjusters within the communication wing of their Glasgow office. I implemented a complex database directory with simultaneous tasks in ambition to connect and satisfy policyholders, clients and my employer. I balanced care for the client and policyholder through composure and vigilance regarding provoked policyholders, diffusing confrontation.</div></div>
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Writings

2021	<div><div>B.A. Dissertation</div><div><i>New York's Seasonal Effect: Further Analysis of New York's Interlinking and Turn-of-the-Year Seasonal Stock Return Fluctuations with Evidence from the NYSE, NASDAQ and S&amp;P 500</i></div><div>Honours dissertation focussing on time-series analysis of US stock returns, in search of Seasonal Patterns in the Weekend Effect, January Effect and Holiday Effect which contradict Efficient Market Hypothesis. Utilising mathematical and statistical methods such as regression analysis.</div></div>
2017–2021	<div><div>Other Academic Writings</div><div>In 2020/2021, I decided to transcribe all of my old university notes, assignments, tests and exams in <math>\LaTeX</math>. Move away from this MicroBloat Soyoffice, and that. It's a little bit of OCD, a little bit of completionism, desire for continuity, and a little bit of loving for Don. E. Knuth's <math>\TeX</math>.</div></div>

Communications & Interfaces

USUAL WORKFLOW

I am developing and maintaining a sustainable and minimalist Linux system. I main a Lenovo ThinkPad T420 and burn an X220. I currently use the OS Manjaro on which I run i3-Gaps but with plans to transition to Suckless' dwm window tiling manager. I tend to spend my days in the text editor Vim, writing and compiling documents in  $\LaTeX$ /Markdown using primarily pandoc and pdflatex. This sometimes extends to Beamer-compiled slide shows. I'm also very familiar with my desktop workhorse and other machines running Windows XP and Windows 7 and, my MacBook Pro running MacOS.

LANGUAGES & COMPUTER INTERFACES

HUMAN	United Kingdom English, United States English, Associated Keyboard Layouts
MACHINE	Shell (bash/zsh), $\LaTeX$ , Markdown, R Markdown, HTML, CSS, R, Python, MATLAB/GNU Octave, Java, JavaScript
PROGRAMS	Manjaro, i3-Gaps, dwm, Polybar, Alacritty, st (Simple Terminal), Vim, neoVim, SC-IM, Ranger, Thunderbird, Mutt, NeoMutt, Calcurse, Newsboat, wget, curl, sxiv, cmus, mpd (ncmcpp, mpc), mpv, Scrot, Pandoc, pdflatex, XeLaTeX, LuaTeX, Beamer, $\mu$ PDF, Zathura, lynx, GIMP, mop-tracker, tty-clock, FFmpeg, neofetch, cmatrix, asciiquarium, sl
HARDWARE	IBM ThinkPad T23, IBM ThinkPad X30, IBM ThinkPad T42, IBM ThinkPad R50e, Lenovo ThinkPad X220, Lenovo ThinkPad T420, IBM Model M 1987, Cisco CP-7962G

Hobbies

INTELLECTUAL	Computer Hardware Architecture; Computer Software Architecture; Classic IBM Product Collection; ThinkPad Enthusiasm; Model M Enthusiasm; Linux-Based Systems and Efficiency; The Command Line; Document Typesetting & Markup; Document Transcription; Web Markup & Development; Further Mathematics; Further Statistical Methods; Trading Terminals & Personal Investment
LIFESTYLE	Real Estate & Interior Design; High-Quality Goods & Sustainability; Tennis, Tennis Equipment, Tennis Statistics; Road Cycling & Bicycle Components; Munros, Corbetts, Grahams, Sub2000s & Donalds; Scotland & The Natural Outdoors; Global Cultural Understanding; The United States of America; John Hughes & 1980's Cinema; Miami Vice & 1980's Television; Jan Hammer & 1980's Music; Culinary Science; Good Nutrition; Kitchen Appliances, Utensils, Storage & Décor; Crockery, Cutlery & Glassware; A Good Cafe; High-End Food Stores

References

- Email me with details on your interest in me and if required, I will refer you to an individual who can affirm my relevant skills and practice.