

# Callum Bradshaw

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I am a Power BI, Alteryx and Tableau accredited second year Mathematics and Statistics University of Bath student. I used the COVID-19 lockdown to support some data cleansing on a PWC Power BI project for a local housing association and helped make some Tableau dashboards more user friendly for Surrey County Council.

I also have experience with R, MATLAB and Python. Currently, I am looking for a Data Analysis/Data Science placement year position.

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## Education

**BSc Mathematics and Statistics** - University of Bath Bath, 2019-2023  
1<sup>st</sup> (expected)

I have completed 1st year, averaging 73%, with modules in Mechanics (80%), Probability and Statistics (81%), Programming and Discrete Mathematics (73%), Algebra (69%) and Analysis (61%).

I am now partaking in 2nd year modules in Algebra, Analysis, Probability, Statistics and Vector Calculus.

**A Level** - St Bede's School Redhill, 2017-2019

- A\*A\*A, in Mathematics, Further Mathematics and Physics
- Academic Excellence award, Paired Numeracy Tutoring (weekly tuition on 1:1 basis with year 7)

**GCSE** - St Bede's School Redhill, 2012-2017

- A\*, A\*, A\*, A\*, A\*, A, A, A, B, B, B including Maths and English
- Philosopher of the Year Award, 'Golden Tie' Award, involved in raising £15,000 for charity

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## Work Experience

**Tableau Developer** - Surrey County Council Surrey, Jun 2020

- Supporting a more experienced Tableau developer by assessing live dashboards for self-service
- Applying improved user friendliness with date parameters, dynamic titles and tooltips
- Freeing the Tableau developer to work on more complex dashboards

**Power BI Developer** - PwC/Raven Housing Surrey, May 2020

- Supporting a more experienced Power BI developer in splitting fields and converting data types
- Unioning and cleansing data sources for the Power BI developer
- Freeing the Power BI developer to work on more complex dashboards

**Data Analysis Consulting InsideSherpa** - KPMG Online, Jul 2020

- Assessing data quality of an Australian bike shop using Excel filters and Tableau
- Developing critical thinking skills to be able to complete individual task on analysing data
- Creating a model in order to maximise the company's profits

**Finance and Professional Services Internship** - Bright Network (PwC, EY, HSBC, Lloyds) Online, Jul 2020

- Learning key roles within the financial services industry such as auditing and assurance
- Developing critical thinking skills to be able to complete individual task on auditing
- Processing complicated information quickly and applying it to a task

**Accounting Internship** - KeyTree London, Dec 2019

- Using pivot tables to complete customer analysis from sales database
- Analysing project expenditure from trial balance
- Predicting expenditure at an event to see how accurate my estimations were

**Civil Engineering Internship** - Waterman Group London, Jun 2018

- Supporting inspection of the stability of Erith Pier in the London Borough of Bexley
- Reviewing Shepherd's Bush Underground Station Upgrade using CAD
- Using CAD to determine where certain pipes were in the ground, to avoid bursting a pipe

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## Technical Skills

<b>Power BI</b>	Supporting a Power BI Developer at Raven Housing	Accredited
<b>Alteryx</b>	Using lockdown as an opportunity to self-train online	Accredited
<b>Tableau</b>	Supporting a Tableau Developer Surrey County Council	Accredited
<b>R</b>	Multiple individual coursework's in R completed (mark: 96%)	Intermediate
<b>MS Excel</b>	Fundamental understanding of core concepts and ideas	Intermediate
<b>MATLAB</b>	Two individual projects focusing on MATLAB completed (mark: 80%)	Intermediate
<b>Python</b>	Applying web scraping techniques	Beginner

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## Paid Work

<b>Student Living Ambassador</b> - University of Bath	Bath, 2020-2021
<ul style="list-style-type: none"><li>Welcoming new students into their accommodation and supporting events</li><li>Communicating with first year students and gaining feedback on certain issues</li></ul>	
<b>Maths Tutor</b>	Online, 2018-2020
<ul style="list-style-type: none"><li>Assessing customer needs and planning lessons appropriately</li><li>Providing constructive feedback to both students and parents to maximise progress</li></ul>	
<b>Qualified Referee</b> - Reigate Priory Football Club	Surrey, 2017-2018
<ul style="list-style-type: none"><li>Learning to communicate unpopular decisions in a concise manner</li><li>Leading independently</li></ul>	
<b>Tennis Coach</b> - Reigate Priory Tennis Club	Reigate, 2015-2018
<ul style="list-style-type: none"><li>Maintaining positivity, encouragement and being quick to praise the children</li><li>Handling varying levels of ability at one time</li></ul>	

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## Achievements

<b>Volunteer in Tanzania</b> - Go Make a Difference (Go MAD)	Tanzania, 2019
<ul style="list-style-type: none"><li>Raising over £1500 individually through event organisation and marketing.</li><li>Leading a team to build goat sheds, water tanks, toilets and lay foundations for a nursery</li></ul>	
<b>Peer Mentoring</b> - University of Bath	Bath, 2020
<ul style="list-style-type: none"><li>Befriending younger students struggling with living away from home.</li><li>Learning to listen and be empathetic, enabling them to settle more quickly</li></ul>	
<b>Helping Homeless</b> - Just Love	Bath, 2020
<ul style="list-style-type: none"><li>Getting out of my comfort zone to assist homeless people.</li><li>Volunteering to talk to homeless people and giving them food and drink</li></ul>	
<b>Youth Group Leader</b> - Redhill Baptist Church	Redhill, 2017-2019
<ul style="list-style-type: none"><li>Leading a group of 11-16-year olds in a fun way while also being someone they can respect</li><li>Learning to listen to various opinions and challenging commonly accepted beliefs</li></ul>	
<b>Tennis Champion</b> - Reigate Priory Tennis Club	Reigate, 2017-2020
<ul style="list-style-type: none"><li>Men's singles and doubles champion and a member of the men's 1<sup>st</sup> team.</li><li>Learning to be at ease and be part of a team with more mature players</li></ul>	

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## References

### Academic Tutor:

Eike Mueller; [em459@bath.ac.uk](mailto:em459@bath.ac.uk); +44 1225 386470; 4 West 2.17, Claverton Down, Bath, BA2 7JX

### Employer:

Richard Stephen; [richardstephen42@gmail.com](mailto:richardstephen42@gmail.com); +44 7801 401268; Magnus Lodge, Cronks Hill, Reigate, RH2 7EQ

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Tableau Public: <https://public.tableau.com/profile/callum4915#!/>

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