

Pracheta Roy (call me Toby)

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PERSONAL PROFILE

Qualified teacher of science with 10 years' experience, currently developing informative software tools following the completion of a post grad in Web Development and Digital Design at Birkbeck. I'm an excellent communicator with management experience and a passion for technology. I'm currently learning data science to further develop my skills base.

MOST SIGNIFICANT ACHIEVEMENTS

- Taught abroad in Uganda as part of a British Research Council funded partnership delivering a modern geography and globalisation curriculum that motivated and inspired international students.*
- Facilitated the delivery of a modern A-Level Chemistry curriculum that ensured the schools' best year 12 results at that particular time.*
- Empathetically listened to student concerns whilst representing them as their year leader, helping them identify their goals and develop pathways to achieve them.*

TRANSFERABLE SKILLS

Excellent communicator – first recognised whilst working as a conference producer and developed furthermore during my teacher training practice at the Institute of Education London.

Empathetic – as a teacher, football coach and tennis team captain, I've gained an invaluable insight what motivates young people and how to get the best out of them by listening to what concerns them and validating those concerns.

Technologically competent – during my teacher training degree I developed a range of resources using Microsoft Office and used interactive whiteboards together with their respective software tools. Have immersed myself in HTML, CSS, JavaScript and React and am now learning Python.

Team player – I have always worked well with others, collaborating with colleagues in the successful delivery of science lessons. Have been a motivating force as team captain for my local tennis club and a committee member of the same club where I maintain the website.

Excellent organisational skills – I have always planned lessons well in advance of their intended date without compromising on quality.

RECENT WORK EXPERIENCE

Company name

Self-employed chemistry tutor (whilst studying at Birkbeck)

Dates

01/20 - present

Responsibilities

Sourced and developed resources for students to work through based on their misconceptions, providing hints and tips before consolidating the learning online. Strengths and weaknesses were established with further areas of development outlined to facilitate improvements.

Achievements

Ensured all students achieved their target grades and went on to study towards their preferred A-Level subjects or University courses, therefore evidence of maximising performance. Started developing small web-based learning tools.

Company name

Teacher at Pinner Park Primary School

Dates

09/19 – 01/20

Responsibilities

Diversified my educational portfolio by teaching in primary schools for the first time. Took on the challenge of teaching Year 4 pupils a curriculum that was totally new to me.

Achievements

Developed an understanding of autism and put systems in place for students struggling to access the curriculum. Had shown a willingness to adapt to a new learning age group whilst changing my teaching approach to effectively engage with pupils. Developed my skills as an empathetic listener and communicator.

EDUCATION AND QUALIFICATIONS

2021 PG Cert, Distinction (awaiting confirmation), Web Development and Visual Design, University of Birkbeck.

2009 PGCE Science (Chemistry), Pass, Institute of Education (UCL).

2003 MSc Physical Methods in Bioanalysis and Post Genome Science, Pass, University of Manchester.

2001 BSc (Hons) 2ii, Biochemistry and Molecular Biology, University of Strathclyde.

1995 Scottish Higher Grades: Chemistry and Biology (A); Math, English and Modern Studies (B); Physics and History (C).

INTERESTS

I am passionate about sports having held a season ticket at Saracens Rugby Club, and have an ongoing membership at Harrow Weald Tennis Club for the past three-and-half years. This year, I led the men's 5th team to a mid-table finish.

REFERENCES AND RECOMMENDATIONS

Mrs Rachel Fink
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