

Jessica Sumner

Ruby on Rails Developer

github.com/JessSumner | blog.unlikely-rubyist.com

Ambition

Currently a stay at home mom and former chemist I am ready to break into the technology community for my next challenge. I am very self motivated and enthusiastic.

Skills

Developer Skills

- Languages: Ruby on Rails, Javascript, CSS and HTML.
- Enjoy using the jQuery library.
- Proficient with GitHub and Heroku.
- Experience with test driven development.

Laboratory Skills

- Proficient in Inductively Coupled Plasma Mass Spectrometry (ICPMS), Ion Chromatography (IC), Graphite Furnace Atomic Absorption (GFAA), Total Organic Carbon (TOC), Autotitrators and Laser Particle Counters.
- Experience with analysing results from NMR, ASAP Mass Spectrometry and Xray Crystallography
- I am confident and comfortable in a cleanroom environment.
- I am confident with synthetic chemistry in both organic and inorganic chemistry.
- Experienced with air sensitive reactions and the use of Schlenk apparatus.
- Observation of biochemical cell experiments.

Experience

MAY 2011 - JULY 2014

MGC Pure Chemicals America, Inc., Mesa AZ - *Lab Technician*

- Quality control chemical testing for production.
- Troubleshooting, calibrating and maintenance of instruments to ensure accurate and reliable testing.
- Member of the safety committee ensuring our company was OSHA compliant. Responsible for the supply of personal protective equipment to ensure maximum safety and reducing unnecessary costs.

OCTOBER 2010 - FEBRUARY 2011

RSPCA, Maidenhead UK – *Volunteer*

- Volunteer work for my local RSPCA center; walking and caring for dogs, playing and caring for cats and helping to fundraise for the charity. Caring for animals is a strong passion and I was able to pursue this while waiting for my husband's immigration papers to clear.

APRIL 2008 – APRIL 2009

Personal Carer

- Support for a young man with severe learning disabilities.

JULY – SEPTEMBER 2007 and 2008

Receptionist

- Beech Nursing and Care Agency. Temporary cover for permanent staff holidays. I worked on reception and helped with recruitment.

Education

OCTOBER 2009 - JULY 2010

Durham University, Durham, UK – *Master's of Chemistry*

An intensive, laboratory based project researching the synthesis and analysis of luminescent platinum complexes and their use in medicinal studies.

OCTOBER 2006 - JULY 2009

Durham University, Durham, UK – *Bachelor's of Chemistry*

A three year Bachelor's program focussing on Organic, Inorganic and Physical Chemistry.

Other interests

I love animals and am eager to use my skills to help animal rescues. I produce a monthly flier for a rat rescue in Arizona.

I love to cook (channeling my inner chemist!).

I am an enthusiastic gamer, preferring the board variety.