Northcoders Final Project

We spent the final 2 weeks spiking software. Socket.IO, React-Native etc, using pair and mob programming. We aimed to create an ambient sounds generator with selectable background looping sounds and randomly sprinkled one-off sounds. The exciting learning environment gave me an insight into working with new technologies / languages and as a group targeting a specific goal. We settled on a tech stack which used a relational database for our user information / preferences, utilising Knex and Postgres SQL to implement this. We also learnt new tech in the form of React-Native for the front end app, whilst also creating a web based version in React .

Final Project Video - https://www.youtube.com/watch?v=SMwWFiYqKrs&feature=youtu.be

Final Project Link - https://ambiscape.netlify.com/ | https://github.com/roberthaworth1234/ambiscape-react-prototype

Exova Catalyst / Element | Environmental Monitoring Team Leader

December 2009 – November 2019

Environmental Monitoring – MCERTS qualified. Working in specialised environments including Petrochemical, Food etc. Using various analysers and software. Always having to acclimatise with developing technology.

Compliance Reporting – Reporting the specified pollutants from environmental permits. Performing data comparison and producing compliance reports to target deadlines. Collating data from field exercises into analytical reports for various clients needs/requirements.

Communication – Client liaison working with a range of industrial sites from Blue chip companies to local government and environment agency auditors.

Resource and Environmental Consultants | Environmental Monitoring Technician

January 2007 – December 2009

National Coverage – As with all my previous work experience. National coverage and travel was essential. Usually paired with one or two other team members. Working autonomously, managing work load, performing field test and managing client expectations.

Scientific Analytical Laboratories | Metals Analyst

November 2005 – December 2006

Metals Analysis – Performing ICP/OES analysis and quality control, inputting results into a LIMS database system. Working in a target driven environment analysing using various inorganic techniques.

Qualifications

Ashton Sixth Form College

 A-Levels in Biology / Chemistry / Psychology (Grades B-C) and AS level in Mathematics

Hobbies & Interests

Enjoy Hill Walking and Photography.