MARK HEMPEL BSc (Hons)

Phone: 07501665909   Email: markhempel89@gmail.com   Based in Wakefield, UK

PROFESSIONAL ATTRIBUTES

Versatile, target-driven science graduate with transferable skills from university honed on private and public sector organisations across the globe. Combines academic work with voluntary and paid commitments; displays a determination to achieve set goals. Effectively plans, arranges and delegates activities in a fast-paced environment; provides value-added and accurate results in line with management expectations.

Looking for a Software Developer role working alongside equally motivated people who share my drive to improve and build quality products.

SOFTWARE DEVELOPMENT SKILLS

- Core JavaScript knowledge
- Full Stack Developer with experience of React and Node applications
- Build Tooling and pipelines
- Test Driven Development (TDD)
- 3rd Party API's
- Version control (git and GitHub)
- Experience completing code reviews
- Excellent troubleshooting skills
- Strong communication skills
- Agile methodologies (Sprints, Kanban, Stand-ups, etc)
- Pair programming
- Commercial awareness

CURRENT ROLE(S)

01/2021 - Present   Trainee Software Developer   The Developer Academy

- Currently training with the Developer Academy in aspects of full stack Software development.
- Worked on individual and group-based tasks.
- Gained knowledge and skills whilst completing projects with the use of:
    - React
    - Redux
    - Javascript
    - HTML
    - CSS
    - PHP
    - SQL

10/2019 - Present   Field based Co-Ordinator – Leeds Fibre Cities   Openreach

- Trained and overlooked engineers in PON build and other aspects of role.
- Re-planning of Fibre build projects and providing in life changes.
- Worked closely with field engineers and contractors and management.
- Well adversed in both internal and external computer systems.
- Tested and commissioned projects. Assisted in fault finding, failed installs, and future proofing of the network.

PROJECTS

<u>**In Progress – Recipe Book – Social API:**</u>

Working alongside 2 other individuals to create a social media page for sharing recipes. Feel free to see our progress: https://github.com/JoelPWK/cohort-jan-21

<u>**Investigate the News!**</u>

A Javascript quiz based on the validity of various news headlines:

Github Pages: https://markh1089.github.io/Quiz-v.2

Github Link: https://github.com/markh1089/Quiz-v.2

<u>**Ceaser Cipher Encoder**</u>

Github Pages: https://markh1089.github.io/Ceaser_Cipher/

Github Link: https://github.com/markh1089/Ceaser_Cipher.git

<u>**React Calculator**</u>

Created a calculator using React:

Github Pages: https://markh1089.github.io/React-Calculator

Github Link: https://github.com/markh1089/React-Calculator.git

CAREER HISTORY

07/2018 – 10/2019   Fibre Network Delivery Fibre Jointer – Leeds Fibre Cities   Openreach

- Providing Fibre PON's in targeted locations (underground & overhead), ensuring build was built within schedule.
- Surveying sites (rod and roping ducts). Using A55's when blockages occurred.
- Well adversed in the underground and overhead equipment used in the fibre network.
- Completed work throughout the network including aggregation and splitter nodes.
- Testing completed PON's and faulting back to OCR/ODF if required.

04/2017 – 07/2018   Environmental Data Analyst   Comply Direct, Skipton

- Supporting a varied range of clients in an account management role to maintain compliance under Packaging, WEEE and Batteries Producer Responsibility Regulations in the UK and Overseas.
- Provided training, support and audit services to customers to improve their knowledge of regulations whilst maintaining compliance.
- Carried out monthly member webinars to keep customers up to date with changes in regulations and the effect it will have on them as producers.
- Completed changes within internal systems using CSS.

09/2016 -04/2017 Support Worker   Dimensions

- Responsible for one – one support of individuals from mild to severe learning difficulties.
- Allowing individuals to obtain and maintain independence, getting the most out of their lives.
- Actively involved in the local communities surrounding the individuals for whom I support.

06/2016 – 09/2016   Temporary Complaints Officer   Merseycare NHS Partnership, Whalley
                                        (through Adecco recruitment)
- Responsible for large database of complaints from numerous parties.
- Administration and completion of complaint investigations.

- Compilation of data to provide monthly reports and accurate feedback for complainants.

10/2014 – 06/2016   Pallid Sturgeon biologist and Research Technician   MDC, Missouri, USA
Missouri Department of Conservation – Big Rivers and Wetlands field station.

- Conducting physical and biological assessments on the Mississippi river, assisting with on-going long term resource management projects, and compiling data for future publications.
- Leading and supervising a crew to assess endangered species populations using a variety of fisheries collection methods including trotlines, hoop/fyke nets, trawling, gill netting and electrofishing.
- Successfully tagged native and endangered species using a number of external and internal tags (Pit/floy tags and transmitters).
- Well trained in navigation on large river systems using a 24-foot motorized boat, along with trailering, loading and maintaining boats.
- Collaboration of data between MDC, U.S, Fish and Wildlife, and U.S. Army Corp of Engineers.

Current Publications
"Shovelnose sturgeon habitat use in the Middle Mississippi River"
Quinton E. Phelps, **Mark T. Hempel,** Nicholas W. Kramer, Sara J. Tripp, David P. Herzog, and James E. Garvey.
(In review).

"Temporary Connectivity: A comparison of the New Madrid floodway and the adjacent main river", Presented research at Missouri AFS, and Midwest Fish and Wildlife Conference (2015).

CORE COMPETENCIES and ACHIEVEMENTS

Pivotal team player. Key member of teams on projects and in a multitude of roles. Leveraged strong written and verbal communication to articulately deliver presentations at scientific meetings, contribute to biological research and collaborate cross-continentally with numerous scientific partners.

Technically minded and knowledgeable of ICT systems. Used diverse techniques with several operating systems (Linux, OS, Windows) over a range of technical environments. Currently using my spare time to become skilled in Software Development.

Demonstrated attention to detail. Proven at **Missouri Department of Conservation** and **Openreach** when collecting and maintaining important data from the field. Data collected has been important for the scientific and public sector.

Working in challenging environments. Used both team and leadership skills to provide practical decisions with a methodical approach in a variety of situations.

PROFESSIONAL DEVELOPMENT

2010 – 2014   BSc (Hons) in Marine and Freshwater Biology – University of Hull, UK
First Class pass obtained for Degree

Final project: *The effect of predator – prey cues on Carcinus maenas as a control for invasive populations*

Exchange: Completed Cross-Continental research collaboration between the University of Hull and Illinois Institute of Technology chemical research laboratory.

Modules: Freshwater Fisheries and Conservation, Fish Ecology, Physical, Chemical and Biological Oceanography, and Sensory Physiology of Animals; Physical, Chemical and Biological Oceanography;Conservation Biology; Freshwater Fisheries and Conservation;Field Studies – scuba diving research in Cuba

Up to 2014   PADI Dive Master; PADI Rescue Diver and Emergency First Responder (along with CPR); PADI Drysuit Speciality.

2001 – 2009   4 A-Levels ICT, English, Geography, Media Studies
10 GCSEs – The Willink School