Cállum Carville

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SKILLS

- Machine Learning
- Big Data
- Deep Learning
- Data Mining
- Robotics
- HTML5.
- CSS3, SCSS & SAAS.
- Javascript, JQuery, BootStrap, Node.js & Gulp.js.
- R Studio / Jupyter Note Books
- PHP, ASP.net & Python.
- MySQL, SQL, Influx DB, Document Orientated Databases, Hive SQL, Pig.
- Hadoop.
- Robot Operated Systems.
- AWS experience.
- Mat Lab.
- Angular CLI.
- Unit Testing.
- Machine Learning & Deep Learning.
- PWA's (Progressive Web Application).
- Git Bash, Git Hub & Git Bucket.

PROFESSIONAL SUMMARY

Motivated employee with major interest in information technology, web-based technologies, automation, artificial intelligence, machine learning and creative design.
I am extremely keen on current and emerging technologies with a keen eye for trends, design and future potential impactful tech.

WORK HISTORY

Senior Software Engineer & Security Champion   10/2020 - Current
Johnson Controls - Belfast, Antrim

- Collaborated with team members to create applications' system analysis based on client requirements.
- Applied web services and REST API design best practices to deliver stable systems.
- Wrote and implemented robust test cases for legitimate environment application testing.
- Designed new features and created innovative application prototypes with Figma & Adobe XD.
- Enhanced existing software systems and legacy portals.
- Produced graphics and layouts with strong GUI design and user interaction knowledge.
- Tracked down and resolved bugs in fast-paced production environment.
- Adapted to different languages and technologies based on project requirements.
- Introduced innovative technology platforms, reducing cost and maintenance requirements of current project.
- Improved user data handling and enforced data compliance with legislation.
- Investigated and implemented security measures to protect application with risk assessments.
- Lead the development of IOS, PWA's and Android apps from development to production along with publication.
- On boarded and guided 2 graduate engineers in their development journey as they joined our team.
- Regularly held meetings or presented application features to high level peers in organization.
- Utilised AWS and its services to deploy applications, improve security, handle domains and store documentation. (Currently working towards AWS certification).
- Semi-finalist in Founders of the Future Techathon event.

Interactive Media Designer   01/2017 –12/2020
Self Employed - Newcastle, Down

- Delivered against client aesthetics, function and design objectives.
- Sketched and diagrammed design concepts to share vision and collected feedback.

- Search engine optimisation, Google analytics, social media marketing, ads manager & Google Ads.
- Creative Cloud: Adobe Photoshop, XD, InDesign & Illustrator.
- Microsoft Word, Excel & PowerPoint.
- Agile & Waterfall development cycles.
- Can work as a team leader and a team member.
- Ability to cope with extreme pressures.
- Ability to add future client value and commercial value to near all businesses.
- Ability to improve marketing avenues.
- Currently working on AWS accreditation.

- Conceptualized initial client briefs to assess viability of varied multimedia elements.
- Standardized style guides to achieve cohesive brand identity.
- Innovated design projects through detailed knowledge of evolving trends and technologies.
- Built design mockups and prototypes with Adobe XD and Photoshop.
- Used skills in Illustrator, InDesign and Photoshop to create unique images and layouts.
- Devised design solutions to meet client brief requests.
- Utilized WordPress CMS to deliver projects to over 50+ satisfied clients.

EDUCATION

Master of Arts: Artificial Intelligence, Distinction
Ulster University - Belfast

Bachelor of Arts: Interactive Multimedia & Design, 1st Class Honors
Ulster University - Belfast

Foundation Degree in Arts: Interactive Multimedia & Design, 06/2018
Southern Regional College - Armagh, ABC

A-Levels: Information Communication Technology, 07/2016
St Malachy's High School - Castlewellan, NMD

A-Levels: Business Studies, 07/2016
St Malachy's High School - Castlewellan, NMD

A-Levels: Lens Based Media, 07/2016
St Malachy's High School - Castlewellan, NMD