

LOUIE CHRISTOS KAVALLARES



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PROFILE SUMMARY

A highly motivated individual aiming to utilise skills acquired working as a civil engineer into their passion of stage, lighting and production design. Achieved a masters in Civil Engineering and worked up to Assistant Civil Engineer status in their first two years of professional career; developing a variety of design, managerial and collaboration skills along the way. Thrives on tackling challenges with creative solutions and is always determined to complete tasks to the highest standard.

EDUCATION

2018-2022 *University of Bristol*

- First Class (Honours) Masters in Civil Engineering, MEng.
- First Class (Honours) for Masters Design Project: Architectural and structural design of an indoor cricket stadium, including the design of cable-net roof.
- First Class (Honours) for Research Project: Analysis of behaviour and response of base isolation systems for earthquake-proof structures.

2016-2018 *Brighton, Hove & Sussex Sixth Form College (BHASVIC)*

- A-Levels in Mathematics (A), History (A) and Geography (A).
- Extended Project Qualification (A*) on the subject "How can the London 2012 Olympic Park, and its venues, be considered sustainable?".

2011-2016 *The Angmering School*

- 12 GCSEs ranging from A* to B
- Sports Leadership Level 1 qualification.

WORK EXPERIENCE

Assistant Civil Engineer at AtkinsRéalis, Bristol (August 2023 – Current)

Pre-Construction Engineer on Sizewell C Nuclear Power Station:

- Key contributor to concept design for the construction road, utilities and welfare. Took initiative during the design process to develop solutions that adhered to all client requirements and site constraints. Proposals were presented to the project leads and stakeholders.

Design Delivery Manager on Sizewell C Nuclear Power Station:

- Managed the delivery of enabling work designs for the main construction area. Oversaw coordination of multidisciplinary teams to ensure designs were delivered on time to the client.
- Used Autodesk Civil 3D/AutoCAD to produce models and drawings of the enabling works design. Used Navisworks to analyse 3D models and highlight any observed clashes between interfacing package designs.
- Worked closely with experienced delivery leads, engineers and project managers to develop self managerial skills.
- Led a remote BIM team based in India to produce monthly plot plan drawings of the main construction area. Effective collaboration between the Indian BIM team and UK-based design teams and contractors was required to ensure the drawings accurately presented the latest construction sequence information to the client.

Environment Agency (EA) Post Inspection Process:

- Worked with the EA to assess the condition of flood protection assets around the UK. Used flood analysis software (RAFT+) to determine the risk and consequence of an asset failing. Issued reports to the EA which provided judgements on the urgency for asset repair.

WORK EXPERIENCE (Continued)

TG Ski, Morzine France (November 2022 – May 2023)

- Driver and chalet host for a high-end chalet company in Morzine, France.
- Organised and scheduled driver shifts which accounted for anticipated snow conditions, volume of lifts required and number of drivers available during a certain shift. As a result, guests were always picked up on time from chalets. Optimised driver scheduling to reduce the time guests would be waiting for a driver to pick them up.
- Engaged with all guests in a friendly and charismatic manner, ensuring customer all needs were met to achieve the highest customer satisfaction.

Lenric C21 International, Littlehampton (June 2016 – June 2022)

- Worked part-time during studies within the accounting and warehouse sectors of the business.
- Oversaw the product order shipments to companies such as 'Pets at Home' and 'Amazon'.
- Shown initiative during product design, highlighting issues with product prototypes, and proposing solutions which were developed and used within the final design.
- Developed organisation and communication skills, whilst improving understanding of how supply chains operate.

SKILLS

- Experience and proficiency with CAD software such as AutoCAD, Revit and SketchUp.
- Competent with a variety of computer packages, including Microsoft Office.
- Organised and ran primary school sporting events. This involved good preparation and social responsibilities to make sure the events ran seamlessly and to time.
- Creativity, collaboration and problem-solving skills developed through team design projects at university, and through working in teams based in the UK and India during professional career.
- Communication and interpersonal skills developed through working in hospitality in Morzine.
- Drive and determination to take on all challenges and ensure the best results are achieved when undertaking any given task.
- Full clean driving license.

INTERESTS

Stage, Lighting and Production Design:

- 3D model original stage and lighting designs for music artists and specific album tours.
- Self taught skills on SketchUp that allow concepts for set and lighting configurations to be displayed visually.
- Enjoy researching into lighting arrangements, DMX and concert rig set ups to develop knowledge and understanding the theory behind successful stage productions.

Music:

- Engaged in the music community and regularly attends concerts and festivals around the world.
- Collector of unique vinyl records.

Travel:

- Worked abroad and have a passion for exploring new places around the world.

Sport:

- Competed at county level in cross-country running.
- Competed for the University of Bristol at BUCS for skiing.
- Enjoy reaching personal goals at the gym.

REFERENCES

AtkinsRéalisis reference available upon request.

Tom Marley-Shaw - Director, TG Ski, Wilmslow UK.

Email: tms@tgski.com, Tel: +44 7500701499.

Chris Kavallares - Managing Director, Lenric C21 International, Littlehampton UK.

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