

Shareef Jasim

Architectural and Computational Designer
www.shareefjasim.com | shareef.abdulnaffaa@gmail.com

PROFILE

Highly skilled and detail oriented architect and computational designer with a passion for utilizing technology to enhance architectural design workflow and push the boundaries of design and execution. Strongly committed to professionalism with a proven ability to meet work requirements and to conduct in-depth research and development utilizing emerging technologies. Possessing strong technical skills, including expertise in parametric design, programming, and algorithm design.

EXPERIENCE

Computational Designer

02/2023 - Present

Rhenso - Imagine Computation, Frankfurt, Germany

- Ideated and developed multiple tools for Rhino users through Grasshopper and the APE plugin.
- Assisted in the development of custom Grasshopper components to be integrated into the APE plugin using C#.
- Developed an integrated process to produce fabrication and assembly data for the timber facade of the Venue Building SILT, Middelkerke, designed by ZJA Architects and fabricated by Hess Timber.
- Assisted in developing a custom Rhino plugin that allows users to easily manipulate object attributes with a smart UI.

Computational Designer

06/2020 - 05/2021

GenX Design and Technology, New Jersey, USA

- Developed a seamless data-driven workflow using Grasshopper, Catia, xGenerative, and EKL a C++ based scripting language to apply advanced computational concepts for facade detailing and fabrication documents production.
- Designed and programmed a local facade panel detailing algorithm used for feasibility testing of complex facade geometry by automatically producing 3D fabrication documents for any panel of a complex facade.

Full-Stack Developer

01/2022 - Present

Freelancing

- Developed e-commerce web applications for medium-sized businesses such as Best Garden IQ using Django, React, Bootstrap, and Tailwind focusing on robust back-end logic, dynamic and responsive front-end interfaces.
- Managed the entire development lifecycle, from client collaboration to quality assurance and successful deployment.

Software Developer

06/2021 - 09/2022

Watches House, Erbil, Iraq

- Developed inventory system, automation processes, and e-commerce integration with Saleor, AppSheet and Django.
- Technology restructuring helped the business grow to over 3000 items in stock and \$15,000 monthly revenue.

Intern Architect

06/2018 - 09/2018

U+A, Dubai, UAE

- Design Architect on Al Zafarana Mall project applying BIM modeling with Revit throughout the process.
- Inspector architect on the site of Midtown By Deyaar focusing on detailed finishing.

EDUCATION

Bachelor of Architecture

09/2016 - 06/2020

Bilkent University, Ankara, Turkey

- With emphasis on computational tools to rationalize designs form generation, analysis, optimization, and design detail.

SKILLS

- Rhino, Revit, Catia, Fusion360, Autocad.
- Grasshopper, Dynamo, XGenerative, C#, EKL, Python.
- Web-Development: Django, React, Bootstrap, Tailwind.
- Twinmotion, Lumion, Photoshop, Indesign, Premier Pro.
- SLA Printing, PLA Printing, Hand Modeling.
- Languages: English, Arabic, Turkish

PARTICIPATIONS AND LEADERSHIP

- AA Visiting School | Urban design summer school.
- PADA Labs | Computational Design Workshop.
- Rise, Resist, Remember Competition | Honorable Mention.
- Club Alpbach Iraq | Cofounder and board member.
- European Forum Alpbach Conference | Participant.
- Refugees Aid Project Bilkent TDP | Organizer.