

CONTACT

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Damascus, Syria

EDUCATION

BEng in Mechanical Engineering
(Honors) | Jul 2019

The University of Nottingham Ningbo
China

CORE AREAS

3D Modeling
Agile Methodologies
CNC Operation
Computer Aided Design (CAD)
Design for Manufacturing (DFM)
Lean Manufacturing
Materials Science
Mechanical Design
Process Engineering
Product Design & Development
Project Management
Prototyping
Quality Assurance & Control
User & Customer Research
Visual Design

TECH SKILLS

MS Office Suite (Excel, Word, PowerPoint,
Outlook, Access), Adobe Creative Cloud,
Autodesk AutoCAD, SolidWorks, CREO,
PowerMill, Matlab, Blender, PLC
Programming

LANGUAGES

English, fluent
Arabic, fluent
Mandarin Chinese, intermediate



AHMAD TELLO

MECHANICAL ENGINEER | PRODUCT DESIGNER

Growth-focused Mechanical Design Engineer with a three-year achievement record in lean production environments and expertise combining product development, mechanical design, and project management. Adept at leading the end-to-end product lifecycle and designing, prototyping, developing, and manufacturing innovative products. Demonstrated proficiency in pioneering inventive solutions that optimize products and designs and skyrocket efficiency. Proficient at designing and introducing robust manufacturing processes and frameworks that drive efficiency, quality, and cost-effectiveness. Exceptionally dedicated professional with impressive communication, organizational, problem-solving, and relationship-building skills.

PROFESSIONAL EXPERIENCE

MECHANICAL ENGINEER | 2019 – PRESENT TELLO, DAMASCUS, SYRIA

- Directing the design, prototyping, development, and testing of intricate machinery and assemblies to support production efforts for consumer goods.
- Building a large library of standard shop drawings, creating CAD models, blueprints, and schematics for machinery and production components.
- Coordinating extensive research to uncover suitable components and parts, integrating with vendors and suppliers, and running materials testing and analysis for suitability and durability.
- Designing and introducing novel workflows and processes while creating comprehensive product manufacturing instructions, schematic drawings, and training materials to enable the effective manufacturing of products.
- Establishing processes and frameworks to ensure compliance with internal policies, environmental regulations, and safety standards.
- Investigating quality issues and concerns, uncovering root causes, and implementing corrective actions to prevent recurrence, magnifying quality and efficiency.

Key Projects:

- Designed and machined depositing assembly parts for cookie depositor machine while leveraging 3d models to program CNC milling machine to produce precise, high-quality parts.
- Analyzed factory pumps, reverse-engineered design, and designed new gear pumps, improving manufacturing efficiency and ease of maintenance.
- Created plastic prototype for aluminum thermoforming molds for plastics, analyzed data and retested, refined design idea, and produced a highly effective design.
- Pioneered novel transmission system for wafer cup press line, slashing timescales and delivering \$2000+ in cost reductions for a single line by replacing servo motors with
- Developed and machined rotary molds for core product utilizing two drums, one with cavities and one with dies, enhancing productivity and reducing timescales.
- Sketched, designed, and developed user- and environment-friendly product packaging, directly contributing to an increase in sales and faster packaging.

PRODUCT DESIGNER | 2020 – 2022 FREELANCE (VIA FIVERR), REMOTE

- Created inventive product designs and prototypes for an international client base, building a loyal client base and sustaining 100% customer satisfaction.
- Liaised with customers and utilized various discovery techniques to gather requirements, establish specifications, and accurately conceptualize product vision.
- Designed, modeled, and tested product prototypes across multiple iterations, creating transformative customer-focused and user-centric products.
- Presented prototypes to clients, elicited and analyzed feedback, and refined prototypes to improve designs.
- Coordinated multiple projects concurrently, meeting all deliverables and delivering within timescales and scope without exception.

Key Projects:

- Designed a wide range of motorcycle accessories for a Portuguese company, leading the end-to-end process from initial concept to prototyping, validation, and CNC machining-ready 3d models.
- Shaped the overall product vision for a Finnish client, translating rough client concepts into 3d models, providing high-quality renders, and providing detailed instructions and schematics for manufacturing
- Created luxury watch design for UK-based client, developing 3d model and delivering manufacturing-ready engineering drawings.