

Deniz Can Dinkci

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Education

Imperial College London: MEng Design Engineering, London, UK

Sep 2023 - Jun 2027

- *Grade:* 69 (Upper Second-Class Honours)
- *Design Modules:* Principles of Design Engineering, Human-centred Design Engineering, Industrial Design Engineering, Sustainable Design Engineering, Advanced Industrial Design, Design Engineering Futures
- *Engineering Modules:* Materials & Manufacturing, Solid Mechanics, Engineering Mathematics, Data Science, Computing, Electronics, Physical Computing, FEA (Finite Element Analysis), Thermofluids, Optimisation, Robotics, Applied Robotics
- *Business & Innovation Modules:* Innovation & Entrepreneurship, Economics and Finance for System Design, Managerial Economics

Design Experience

Google, *UX Design Intern*, London, UK

Apr 2026 - Sep 2026

- Worked with the Gemini Shopping team to improve the shopping experience inside the Gemini app, designing end-to-end UX flows and high-fidelity prototypes.
- Owned a cross-functional technical project to bring user-generated content (UGC) into Gemini in a more immersive format, partnering with engineers and PMs from concept to implementation and organizing a workshop with UX researchers, engineers, and designers to align on the strongest design direction.
- Owned a vision project to create an innovative design concept for shopping, reimagining the conventional 2D up-and-down scroll interface as a more immersive, 3D browsing experience.
- Worked with other designers on a visual design project to improve the visual shopping experience, with my designs validated through multiple rounds of UX research.

Rheon Labs, *Design Engineering Intern*, London, UK

Jul 2025 - Sep 2025

- Contributed to a high-growth smart-materials startup, collaborating across innovation and production teams to develop next-generation protective solutions.
- Engineered and designed RHEON™ reentrant geometries for impact absorption; built and calibrated drop-test rigs with accelerometer and load-cell instrumentation; and analyzed performance data to drive design improvements on existing phone cases.
- Conceptualized and built an autonomous exhibit stand visualizing RHEON™ Armor's breathability and flexibility via fog diffusion and dynamic RGB lighting for an international fair.

Trimline, *Product Design Intern*, Istanbul, TR

Aug 2022 - Sep 2022

- Designed and prototyped custom acoustic ceiling panels, developing decorative patterns tailored to a school auditorium, and managed fabrication at a specialized wood and aluminum processing facility.
- Currently partnering with Trimline on an active international e-commerce venture featuring parametric wall art, bespoke furniture, and acoustic panels; oversee end-to-end logistics and have driven over 380,000 TL in revenue.

OtoTrim, *Product Design Intern*, Istanbul, TR

Aug 2021 - Sep 2021

- Worked at a truck-parts manufacturing facility serving Mercedes, Isuzu, and Mann, where I gained

hands-on experience in heated glass production processes and designed truck interior layouts.

Smart Micronutrient Device, *Imperial College London*, London, UK

Apr 2024 - Jun 2024

- Designed and prototyped AWAKE, an intelligent bedside wellness device for professional athletes, leveraging personalized biometrics to optimize recovery cycles and enhance training performance.

Engineering Experience

Beko, *Research & Development Intern*, Istanbul, TR

Jul 2024 - Sep 2024

- Collaborated with the vacuum cleaner division within the R&D arm of one of Europe's largest manufacturing facilities, designing and prototyping a versatile vacuum cleaner capable of operating both as an upright and a canister model to enhance user adaptability and comfort.
- Developed a fully functional prototype, produced using SLA and SLS additive manufacturing, with a pending patent, and presented to the Head of R&D at Beko for evaluation and potential integration into future product lines.

Search & Rescue Imaging System, *Imperial College London*, London, UK

Jan 2025 - Jul 2025

- Engineered a next-generation search-and-rescue system under DeWalt's brand design aesthetic, integrating thermal imaging, laser scanning, and two-way communication for pinpoint victim detection.
- Designed an animatronic "spine" mechanism enabling agile traversal across rubble with real-time display feedback to enhance situational awareness and operator control.
- Delivered a fully functioning prototype, field-tested on earthquake-zone terrain to validate performance and durability in real-world rescue scenarios.

Smart Cycling Gloves, *Imperial College London*, London, UK

Sep 2024 - Dec 2024

- Designed and prototyped a smart cycling glove, a wearable navigation aid that enhances rider safety through LED turn signals and vibration-based haptic feedback.
- Developed a custom microcircuit design with Bluetooth connectivity for map-synced navigation, enabling hands-free route guidance without diverting rider attention.

Automated Vertical Farming System, *Personal Project*, London, UK

Jun 2024 - Sep 2024

- Engineered and built a scalable hydroponic vertical farm that grows up to 50 plants at once in a small footprint, with LED grow strips running alongside each column.
- Utilized 3D printing for plant stands, aluminum extrusions for the main structure, and CNC machining for structural plates to ensure precision and modularity.

AI Experience

Agentic Internal Prototyping Tool, *Google*, London, UK

Apr 2026 - Present

- Built an internal prototyping tool that uses a multi-agent AI workflow to help UX designers across the organization work at a high pace.
- Currently extending the tool with its own dashboard and a full design library.

Agentic Investment Portfolio Management System, London, UK

Jan 2026 - Present

- Developed a 30-agent company structure to maintain and improve my personal portfolio. The system runs on multiple APIs and has four sections that interact with each other.

Agentic Shopping Assistant, London, UK

Nov 2025 - Present

- Created a personal shopping tool that follows items and sends notifications when they are newly discounted. The tool also follows my own wardrobe and suggests what to wear based on the event.

Extracurricular Activities

Imperial Turkish Society Co-President, *Imperial College London*, London, UK

Sep 2024 - Sep 2026

- Led the Turkish Society at Imperial College London, representing and coordinating over 500 members at one of the world's premier universities.

Technical Skills

- **CAD & Analysis Tools:** Fusion 360, Rhinoceros, Grasshopper, Blender, Ansys
- **Design Tools:** KeyShot, Figma, Adobe Package (In, Lr), Framer
- **Programming Languages & Libraries:** Python, C++, Java, Matplotlib, Pandas, NumPy, Matlab