

Toni C. Sarrouf

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EDUCATION

American University of Beirut (AUB) | Beirut, Lebanon

Sep 2020 – Dec 2024

- Bachelor of Science in Biology (Distinction)
- Minor in Bioengineering Design
- Minor in Business Administration
- GPA: 3.67/4.0
- Dean's Honor List of academic excellence for the Spring 2022, Fall 2022, Spring 2024, and Fall 2024 terms.
- Recipient of the Jassim Boodai Donor-Funded Scholarship for the 2021-2022 Academic Year.

PROFESSIONAL EXPERIENCE

DLOC Biosystems, R&D Intern | Beirut, Lebanon

Jun 2023 – Sep 2023

- Conducted comprehensive market research on competitive organ-on-chip technologies and literature reviews in the field of cell and molecular biology.
- Assisted senior biologists and engineers in analyzing preclinical drug testing methods using organ-on-chip devices, while adhering to the financial budgeting.
- Authored detailed scientific reports involving data analysis and interpretation, contributing to the development of cutting-edge micro-tissue cultures for pharmaceutical applications.
- Collaborated within a dynamic startup environment, enhancing communication, research proposal writing, and critical analysis skills.

PROJECTS ACCOMPLISHED

Financial Case Analysis, FINA 210 | AUB, Lebanon

Oct 2024 – Nov 2024

- Conducted a comprehensive financial portfolio comparison analyzing revenue, expenses, and profitability.
- Performed DuPont analysis, ratio analysis, and common-size financial statement analysis to assess performance and investment potential.
- Developed actionable recommendations for improving financial strategies and reducing debt reliance.
- Strengthened skills in financial modeling, data interpretation, and report presentation.

Bioengineering Design Capstone, BMEN 502 Innovator | AUB, Lebanon

Title- Impact of Wrist Wearable Tightness on Photoplethysmography (PPG) Signal Fidelity-
Development of a Wearable Tightness Monitoring Device.

Feb 2024 – May 2024

- Developed a wearable device prototype capable of measuring and optimizing tightness for wrist wearables, enhancing user experience, and improving health monitoring accuracy.

VOLUNTEERING

AUB, Student Volunteer | Beirut, Lebanon

Sep 2020 – Present

- Actively involved in organizing and participating in campus volunteering events.
- Supporting organizations like LOIG, Cancer Support Fund, OBGYN Interest Group, and LBCF through fundraising events.

MMKN, Humanitarian Volunteer | Beirut, Lebanon

May 2022 – Jun 2022

- Prepared public school students of Lebanon to the official exams during the hardest conditions.
- Achieved a 100% success rate for my students, with 50% of them achieving a grade of high distinction.

SKILLS & INTERESTS

Languages English (Fluent) – Arabic (Native) – French (DEL F B2 level)

Skills Microsoft Office (Excel: linear programming, PowerPoint, Word) – CITI Biomedical Researcher – Problem-Solving – Time Management – Critical Thinking – Adaptability – Communication – Team Building

Interests Financial Markets – Investment Strategies – Healthcare Innovation – Biotechnology – Motorsports