

Nabil Khoury

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SUMMARY

Aspiring Product Manager bringing entrepreneurial spirit and scientific mindset with skills in project management and data analytics

EXPERIENCE

EclipseBio, Technical Product Manager, Bioinformatics Intern, April 2024 – September 2024

- Owned the E-shape data product, enhancing RNA SHAPE AI model accuracy by 8% through data-driven improvements.
- Defined product requirements and partnered with engineering teams to optimize AI model deployment and scalability.
- Led A/B testing on chemical reagents and AI models, driving data-informed decisions to improve performance.
- Developed streamlined workflows, ensuring high-quality deliverables, increased efficiency, and customer satisfaction.
- Collaborated with marketing teams to translate technical advancements into clear, client-focused messaging.
- Presented key insights to stakeholders, driving alignment and adoption of AI-driven product enhancements.

CSES Dev Consulting, Founder and Product Manager, April 2023 – May 2024

- Acquired and led the delivery of 5 website projects, building scalable solutions ensuring client satisfaction and business impact.
- Recruited, mentored, and managed 40+ developers, fostering a high-performing engineering team to drive product success.
- Defined product vision and roadmap, aligning technical execution with market needs and business objectives.
- Implemented agile development processes, optimizing collaboration, sprint planning, and project execution.
- Developed and launched scalable software solutions, enhancing user experience and driving customer adoption.

Dexcom, Technical Project Manager, Systems Software Engineer Intern, June 2023 – August 2023

- Improved production efficiency by 1.5x across 10 manufacturing lines through software validation and process optimization.
- Led a cross-functional team to develop 1,300+ automated tests, ensuring full test coverage and reliability.
- Managed Agile workflows, leading sprints, defining roadmaps, and tracking progress through Jira to drive execution.
- Aligned product strategy with compliance needs, collaborating with QA and manufacturing teams to pass regulatory reviews.
- Developed real-time dashboards for tracking software validation, enhancing decision-making and risk management.
- Automated reporting with Python and SQL, reducing manual effort and improving QA efficiency for product insights.

Omnisync, Software Engineering Intern, January 2023 – June 2023

- Led end-to-end product development, expanding TurboSBIR to integrate \$1B+ in clinical trial grants.
- Built automated ETL pipelines using Python, SQL, Pandas, and NumPy to streamline data warehousing.
- Conducted market research, identifying biotech and medical startup funding needs to shape product strategy.
- Defined KPIs for user adoption and engagement, leveraging data insights for continuous product improvements.
- Designed user workflows for grant discovery, enhancing searchability and accessibility for researchers on TurboSBIR.

Packed, Founding Product Manager, June 2022 – December 2022

- First Product Manager leading the ideation to launch of the MVP for DormIt late-night college dorm food delivery platform.
- Streamlined app logistics to optimize order fulfillment, real-time tracking, and customer-delivery coordination.
- Executed a go-to-market strategy leading cross-functional teams resulting in over 1,000 customers at beta launch.
- Ideated A/B testing to refine pricing and user engagement, driving retention and customer satisfaction.
- Established user feedback loops to iterate on the MVP, aiming for product-market fit by continuous engagement.
- Designed, led, and ideated the membership feature as part of a customer intimacy marketing strategy based on data.

Computer Science and Engineering Society at UC San Diego, President, May 2023 – June 2024

PROJECTS

BWAlign Python Package for Human Genome Alignment – Python, NumPy, Abstract Data Structures and Algorithms

Statistical Analysis of Covid-19 impacts on Stock Market – Python, SQL, Pandas, NumPy, Natural Language Processing, APIs

Product Manager for CSES Full-Stack Website – React.js, Node.js, JavaScript, Express.js Typescript, MongoDB, Agile Sprints, PRD

ADDITIONAL INFO

Programming/Frameworks: SQL, Python, C/C++, Java, JavaScript, HTML/CSS, Flask, Django, R, Excel, MongoDB, AWS

Product Management: Jira, Git, GitHub, A/B Tests, Hypothesis Testing, Usability Testing, Agile Methodologies, User Stories

Relevant Coursework: Product Strategy, Product Management, Design and Management of Software, Market Analysis

EDUCATION

University of Colorado, Boulder

Master of Engineering, Engineering Management

December 2026

Stanford University

Product Management Certification

University of California, San Diego

Batchelor's of Science, Computer Science

July 2024

Batchelor's of Science, Biology: Bioinformatics

July 2024