

Soumeng Chea

Willing to Relocate | Boston, MA | Lowell, MA | cheasoumeng@gmail.com | (978) 995-9219 | LinkedIn | soumengchea.com | GitHub

PROFESSIONAL SUMMARY

Data Engineer and UX Consultant with a strong foundation in software development, user experience design, and data analysis. Proven success in enhancing user engagement through strategic design and data-driven insights. Adept at leading cross-functional teams and projects focusing on delivering user-centric solutions and seeking to leverage my technical expertise and passion for product innovation in an Associate Product Management role.

PROFESSIONAL EXPERIENCE

UCARE PHARMACY, Phnom Penh, Cambodia (Virtual)

Data Engineer | Freelance | June 2023 – Present

- Develop and maintain cloud-based inventory systems using Python, SQL, and JavaScript, enhancing data analysis and actionable insights.
- Collaborate with various departments to ensure seamless integration and uphold data integrity through robust security practices.

DAWN CAFÉ, Phnom Penh, Cambodia (Virtual)

UX Consultant | Freelance | February – July 2023

- Mentored UX/UI design teams, driving a 20% increase in user engagement and a 15% rise in online orders via a mobile app redesign.
- Applied color and font theory to establish a strong brand identity, improving customer recognition and loyalty.

NORTHEASTERN UNIVERSITY, Boston, MA

Student Recruitment Ambassador, Khoury College | April 2021 – August 2022

- Led recruitment efforts, achieving a 10% increase in applicants through engaging presentations and 1:1 consultations.

INNSURE, INC., Boston, MA

UX Designer Externship | February – May 2022

- Directed a 4-person team to create high-fidelity UI prototypes, targeting risk analysts for climate-related cost predictions.

SELECT PROJECTS

ICODEALITTLE: AI Chatbot

Personal Project | [GitHub Repository](#) | July 2023 – Present (Ongoing)

- Developed an AI chatbot using NLP and machine learning techniques to analyze and engage with users, improving interaction quality.

ZERO WASTE FOOD TRACKING APPLICATION

Theory and Methods in Human-Computer Interaction (PhD Seminar) | September – December 2021

- Designed interfaces for a food waste solution, noting a 20% behavioral change in sustainable practices among users.

ANIME RECOMMENDATION SYSTEM

Data Mining Techniques | [GitHub Repository](#) | March – May 2022

- Developed a recommender system using machine learning techniques, emphasizing my ongoing commitment to learning and developing AI/ML skills.
- Conducted Scrum meetings focused on continuous improvement in AI/ML applications, demonstrating my capacity to work under mentorship and guidance.

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA

M.S. in Computer Science, Data Science/Machine Learning, and Human-Centered AI | August 2022

UNIVERSITY OF MASSACHUSETTS, Lowell, MA

B.A. in Political Science, Dean's List, Cum Laude | February 2019

TECHNICAL SKILLS

Programming:	Python, R, SQL, NoSQL, JavaScript
Machine Learning:	TensorFlow, PyTorch, Scikit-learn, Keras
Data Visualization:	Matplotlib, Seaborn, Tableau, Power BI, Ggplot2
Tools:	Azure, Jupyter Notebook, Git, STATA, SPSS, Amplitude, Segment, Iterable, ChatGPT, GitHub Copilot
Customer Success:	Client Relationship Management, Product Adoption, Training and Support, CRM Systems
Project Management:	Agile Methodologies, Jira, Cross-Functional Team Leadership, Global Deployments
Product Development:	User Stories, Product Specifications, Feature Trackers, Usability Testing, User Interviews