

Yundi (Sunny) Yang

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EDUCATION:

Carnegie Mellon University	Pittsburgh, PA/Mountain view, CA
M.S. Mechanical Engineering spec. Machine Learning	05/2023
M.S. Technology Ventures GPA: 3.92/4.0	
University of California, San Diego	San Diego, CA
Major: B.S. Cognitive Science spec. Machine Learning Major GPA: 4.0/4.0 General GPA: 3.72/4.0	06/2021

EXPERIENCE:

Product Manager Intern, Honda 99P Labs	Columbus, OH May. 2022 - Aug. 2022
<ul style="list-style-type: none">Created robust business model based on mapping data insights in selection of mobile charging station location, carried out potential customer analysis, revised on current model for addition of property ownerConducted market research and interviews for customer validation, explored alternative data for approachable market and proof of conceptFound the gap of human machine teaming and amplified the customer perspective database by facilitating workshops to understand the ideal future state of telepathic mobility for Gen Z group	
Product Manager Intern, JD.com	Beijing, China Mar. 2021 - Jun. 2021
<ul style="list-style-type: none">Responsible for E-Book market research, carried out analysis for user needs, delivered algorithm and user interface product requirement document to R&D teamAdopted agile development to manage R&D, testing, censored the product growth with key metrics and bridged business operation teams to improve the APP of JD ReadStructured the process, integrated field reservation, competition ticketing, traveling assistant process into front-end user webpage for the early stage of JD Sports	
Product Manager Assistant, Alauda	Beijing, China Sep. 2020 - Dec. 2020
<ul style="list-style-type: none">Integrated Kubernetes, DevOps, and Service Mesh to achieve cloud business application for monetizationEmpowered Alauda cloud platform to improve our user usability and product retention by sorting information in a manner and highlighting lesser-known functions	

PROJECTS:

Pro-Tein Fitness and Wellness (Entrepreneurship)	Aug. 2021 - Present
<ul style="list-style-type: none">Partnered with gym to research product opportunity gap of fitness community, and developed formal business planCreated framework of the APP through Figma, and outlined functionalities and features based on the user surveys and interviews in order to increase potential customer stickinessComposed data collecting and initiated machine learning and computer vision algorithms (KNN, MLP, SVM, Random Forest, XG/AdaBoost, OpenCV) to quantify user sports performance and provide professional adviceInitiated a conceptual outline of the smart gym and presented to venture capitals for potential investments	
A Context-Aware Autonomous Email Prioritization System Using Reinforcement Learning	Mar. 2022- May. 2022
<ul style="list-style-type: none">Used reinforcement learning to reduce user's processing time by predicting the responding time of emails for users based on their importanceCreated the email dataset based on academic inbox and labelled the email types for trainingDefined 5 states, 17 actions, reward function, and solved requirement, used the format of OpenAI Gym to construct the environment in Google Colab, and used REINFORCE (a policy-gradient algorithm) to implement the model	

PATENT:

Patent owner of Intelligent Medical Robot, timely remind seniors for medicine intake based on health condition censoring, entitled by State Intellectual Property Office of People's Republic of China and acquisition by a health-tech company.

SKILLS:

Application Software: MATLAB, Axure, AUTOCAD, Photoshop, Figma, Microsoft Office

Programming Languages: Python, Java, HTML, C