

YUANLUN (ALAN) XU

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SUMMARY

Eager and quick-learning programmer leveraging academic coursework in software design, object-oriented programming, and collaborative problem solving. Seeking to break into web development and contribute coding skills to build functional, user-friendly websites and applications.

SKILLS

- **Languages:** Python, R, HTML/CSS, Java, SQL, no-SQL, Matlab, Mongosh, Swift, Shell, DAX
- **Technical Toolkit:** git, Shiny Web Apps, GPT/LLM Prompt Engineering, Web Scraping, , Excel & Computational Modeling, PowerBI, UciNet, MongoDB, Tableau, Neo4j, Zapier, Slack integrations, NumPy, Pandas, Scikit, APIs
- **Achievements:** Computing Medal and Scholarship Program \$32,000 Award Recipient, Bausch and Lomb Honorary Science Award \$44,000 Scholarship Recipient, Weissman Fellowship \$1,500 Grant Recipient, Magna Cum Laude

EDUCATION

Massachusetts Institute of Technology (MITx) | Wellesley, MA
2024

Mar 2023 - Aug

MITx MicroMasters in Statistics and Data Science & Applied Data Science Certificate

- Relevant coursework: Foundations for Data Science, Data Analysis & Visualization, Machine Learning, Deep Learning, Recommendation Systems, Development with Generative AI API, Applications for Business

Babson College, School of Business | Wellesley, MA
Dec 2023

Aug 2020 -

Bachelor of Science Candidate

Business Analytics & Technology Entrepreneurship

- GPA : 3.63/4.00, Major GPA : 3.85/4.00, Dean's List
- Relevant coursework: Programming with R for Business Analytics, Technology and Business Innovation, QM for Business Analytics, AI in Business, Business Intelligence and Data Analytics, Mgmt and Entrepreneurship, Enterprise 2.0 Digital

Franklin W. Olin College of Engineering | Wellesley, MA
Engineering Certificate Candidate

Jan 2021 - May 2023

- Relevant coursework : Software Design, Computational Neuroscience (Brandeis Graduate), Just Energy (Wind Energy)

PROFESSIONAL EXPERIENCE

AI Engineer | Vela Consulting | Remote

Jul 2023 - Present

- Collaborated with a full stack engineer on an AI product that scrapes industry news and generates consulting reports, utilizing Python's Selenium, requests and OpenAI API calls
- Assisted with RestAPI and web/server-side development by SSH-ing into AWS and editing vercel content
- Led LLM prompt tuning and engineering, assuring API returns in correct JSON formats and integrating code interpreters to visualize qualitative data

Digital Marketing & Branding Intern | EATA WESTERN RESTAURANT | Beijing, China
2022

Apr 2022 - Jul

- Innovated a pastry ordering mobile page with no-code solution during COVID, facilitating UI/UX accessibility and increasing loyalty for 900+ customers
- Streamlined marketing campaigns by analyzing data and optimizing social media strategies, consolidating online presence and brand

PROJECTS

Dopamine Management App (Academic) | Wellesley, MA
Dec 2022

Sep 2022 -

- Designed mobile app prototype to help users optimize motivation through neuroscience principles
- Created clickable UI flows and wireframes using Figma prototyping tools
- Conducted user journey map and customer personas to gather feedback on UX and features

Startup Shopify Website (Academic) | Wellesley, MA

Jan 2022 - May 2022

- Redesigned Shopify ecommerce site to align with brand image and boost conversions, lowered website bounce rate by 27% and increased conversion rate by 12% by improving product information through A/B testing of theme variations
- Utilized themed templates and low-code solutions to better facilitate website development and conversion
- Collaborated with marketing team to ensure consistent messaging by engaging storytelling elements like "Who We Are" and "About Us" pages to align with brand image; analyzed to identify issues and across preference and sales funnel