LAUREN SIDARTO • lsidarto.github.io • lasidarto@gmail.com • 858 319 5749

SKILLS

- Languages/Libraries/Programs: Python, SQL, R, Java, HTML5, (S)CSS, JavaScript • Pandas, NumPy, SciKit-Learn, SciPy, Matplotlib, BeautifulSoup, Tableau, Seaborn, ArcGIS • Adobe Photoshop and Illustrator, ZBrush (3D Modeling), GSAP (JavaScript animations)
- Languages: English (native), Mandarin (intermediate high), Bahasa Indonesia (conversational)
- Certifications: Amazon Web Services ("**AWS**") Cloud Practitioner

WORK EXPERIENCE

Deloitte Consulting • Strategy & Analytics Analyst, Government and Public Services   San Diego • Jun 2023 - Present
- Served a state government department (near 17,500 members) on a chatbot and process automation initiative
    - Facilitated 9 Joint Application Development sessions with the client; designed chatbot responses by articulating user process scenarios, and researching client standard operations and customer personas
    - Drove organization calls with overseas developers; built and executed a 668-case test plan and resolved 27 client-found bugs
    - Co-authored 6 training materials, including a video script used to demo the power of chatbots at a State legislature hearing
- Expanded Deloitte Government's AI capabilities through 4 Request for Proposal (RFP) bids and 2 Generative AI (GenAI) demos:
    - Pioneered a first-of-its-kind RFP for Deloitte AI, writing to the development lifecycle of 7 AI solutions for a State entity
    - Presented a GenAI tool at an AI demo to 30 representatives of San Diego's largest clients at an office grand opening
    - Coordinated a client-site GenAI workshop with 12 demos for California's biggest client at $100M/year
- Championed the Asian community; lead 2 local office cultural events and launched a training series on cultural differences in communication style, enhancing Asian career program progression and tenure

Deloitte Consulting • Strategy & Analytics Intern, Government and Public Services   San Diego • Jun - Aug 2022
- Served a major US government sector (near 500,000 members) as a client on a cloud migration initiative
    - Collaborated with 5 other interns to shift internal operations to Microsoft Teams, streamlining PMO team's workflow
    - Revamped and delivered several client deliverables, expediting project phase completion time
    - Authored materials promoting the team's accomplishments and vision, to win future and continuous work from client
    - Prepared resources for regular and ad-hoc meetings with client; documented action items for greater joint accountability
    - Independently achieved an AWS Cloud Practitioner certification while shadowing cybersecurity and cloud engineering team

BizBaz • Project Manager   Singapore (Remote) • Jan - Aug 2021
- Singapore-based financial technology firm using artificial intelligence and machine learning to offer solutions to financial institutions and telecommunication companies in Asia, aiming to reach millions of unbanked and unaccounted people
- Managed creation of a dashboard to display and quantify financial and political relations between China and Southeast Asia
    - Oversaw and developed entire project plan, scope, necessary research, and algorithm logic
    - Managed team of 4 international developers; liaised with China's Caixin Media as clients
    - Undertook extra front-end development and user interface/user experience (**"UI/UX"**) design to ensure team met deadlines

PROJECTS AND RESEARCH

Graph Databases for Perovskite Solar Cells • Outstanding Capstone Award   Sept 2022 – Mar 2023
- Built a database for a solar cell research lab, allowing analysis of large volumes of varied data and production of better solar cells
- Shortened runtime from exponential (proportional to data volume) to linear by testing performance of three databases
- Implemented backwards-compatible data pipeline in Python to match the lab's existing workflow; onboarded all lab members
- Demo and detailed report: https://lsidarto.github.io/perovskite-graph-database/

Qualcomm Institute, City of San Diego • Undergraduate Student Research   Dec 2020 – May 2021
- Used ArcGIS (geospatial data software) and machine learning practices to help quantify the efficacy of the City of San Diego's Climate Action Plan by mapping the development of San Diego's urban tree canopy

LEADERSHIP AND STUDENT ORGANIZATIONS

Data Science Student Society ("**DS3**") • VP Internal (former Design Lead)   San Diego, USA • Fall 2019 - Jun 2023
- Largest undergraduate data science organization in California (1000+ students).
- Mobilized 90+ students and facilitated collaboration between 12 committees to provide opportunities—data science projects, career fairs, technical workshops, online content, social events, and an annual hackathon (DataHacks)
- Singlehandedly established Design committee, directed revamp of DS3 branding and all UI/UX development, and trained 2 subcommittee members, contributing to 700+ new DS3 members, increasing yearly applicants to DataHacks by 12%, and amplifying the visibility and strength of the data science community at UC San Diego

EDUCATION

UC San Diego ("UCSD") • BSE in Data Science, Minor in Business • Provost's Honors   2019 – 2023