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WORK EXPERIENCE

Deloitte Consulting • Analyst   San Diego • 06/23 - Present
Strategy & Analytics • Artificial Intelligence (AI) & Data Engineering • Government and Public Services (GPS)
- Served a state government department (near 17,500 members) on an intelligent automation solutions 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
  - Led 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
- Pioneered a first-of-its-kind proposal for Deloitte's AI GPS sector, writing to development lifecycles of 7 unprecedented AI solutions
- Key presenter at a major office grand opening's AI Lab for 30 largest, local clients, sparking interest in 9 more AI engagements
- Hosted a client-site Generative AI workshop at CA's biggest account ($100M+/year), shaping how governments see and use AI
- Championed the Asian community; led 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 • 06/22 - 08/22
- 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 Amazon Web Services (AWS) Cloud Practitioner certification while shadowing cybersecurity and cloud engineering team

BizBaz • Project Manager   Singapore (Remote) • 01/21 – 08/21
- 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   09/22 – 03/23
- 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   12/20 – 05/21
- 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") • Vice President, Internal (former Design Lead)   09/19 - 06/23
- Mobilized 90+ students across 12 committees for the largest undergraduate data science organization in California (1000+ students) to provide opportunities: projects, career fairs, technical workshops, social events, and an annual hackathon (DataHacks)
- Single-handedly 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

SKILLS

- Tools: 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), Indonesian (conversational)
- Certifications: AWS Cloud Practitioner

EDUCATION

University of California, San Diego • BSE in Data Science, Minor in Business • GPA: 3.83/4   09/19 – 03/23
- Recognition: Provost's Honors, Outstanding Capstone Award