

EDUCATION

- UC San Diego (“UCSD”) • BSE in Data Science, Minor in Business • Provost’s Honors** 2019 – 2023
- Courses: Data Structures, Algorithms, Theoretical Foundations, and Practical Applications of Data Science; Web Mining and Recommender Systems; Scalable Analytics • Linear Algebra, Statistical Methods, Exploratory Data Analysis and Inference • Managing Diverse Teams, Business Ethics and Corporate Responsibility, Business Analytics, Product Marketing and Management

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/Clearances: Amazon Web Services (“AWS”) Cloud Practitioner • INTERIM SECRET security clearance

WORK EXPERIENCE

- 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 weekly, monthly, and ad-hoc meetings with client; attended meetings, took minutes, and documented action items for greater accountability on both sides
 - 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
- PALO IT • Intern** Singapore • July – Aug 2018
- The only high school intern in the history of the company. Agile-design consultancy headquartered in France specializing in website, app, and Internet of Things (“IOT”) device development.
 - Designed UI mockups and conducted UX testing and research for Ministry of Manpower, Government Technology Agency of Singapore, and DBS Bank Car and Property Marketplace as clients
 - Shadowed creation of IoT devices with DevOps engineers commissioned by client DBS Bank for use in smart restaurants; conducted research on microcontrollers

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 - Present
- 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
 - Established Design committee and trained 2 subcommittee members, contributing to 700+ new DS3 members
 - Produced branding and merchandise for DataHacks 2020-22, increasing yearly applicants by 12%
 - Singlehandedly revamped DS3’s brand identity, directed UI/UX development of all DS3 websites, and designed advertising for all DS3 events, amplifying the visibility, strength, and professionalism of the data science community at UCSD