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EDUCATION

UC San Diego ("UCSD") • BSE in Data Science, Minor in Business • 3.88 GPA, Provost's Honors   2019 – 2023
- Courses: Data Structures, Algorithms, Theoretical Foundations, and Practical Applications of Data Science; Web Mining/APIs and Recommender Systems • Multivariable Calculus, Linear Algebra, Statistical Methods, Exploratory Data Analysis and Inference • Managing Diverse Teams, Business Ethics and Corporate Responsibility, Business Analytics

SKILLS

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

WORK EXPERIENCE

BizBaz • Project Manager   Singapore (Remote) • Jan - Aug 2021
- London-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 Asians
- 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; liased with China's Caixin Media as clients
    - In emergency situations, undertook front-end development and user interface/user experience (**"UI/UX"**) design

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 development and operations engineers commissioned by client DBS Bank for use in smart restaurants; conducted research on microcontrollers

PROJECTS AND RESEARCH

DataHacks 2021 • Participant   Apr 2021
- UCSD's premier machine learning/data analysis hackathon; analyzed given dataset on word usage and frequency in religious texts
- Utilized a logistic regression classification model to differentiate choice of diction between chronologically related texts

Gender Analysis on NYPD Complaints   Jun 2021
- Utilized exploratory data analysis techniques, machine learning, and statistical methods on a public dataset of NYPD complaints
- Built a logistic regression model with optimized parameters and feature engineering to predict gender bias in complaint outcomes
- Evaluated model fairness; generated data visualizations using Matplotlib

Qualcomm Institute, City of San Diego • Undergraduate Student Research   Dec 2020 – May 2021
- Using 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") • Board Member, Design   San Diego, USA • Fall 2019 - Present
- Established Design committee and trained 2 subcommittee members, contributing to 700+ new DS3 members
- Singlehandedly revamped DS3's style guide and brand identity across all platforms, enhancing organization's professionalism
- Produced branding and merchandise annually for DataHacks 2020-22, increasing yearly applicants by 12%
- Directed UI/UX development of the DS3 website (ds3.ucsd.edu) and DS3 Consulting website (ds3.ucsd.edu/consulting.html)
- Designed advertising for every DS3 technical workshop, social, career fair, and project showcase, amplifying the visibility and strength of the data science community at UC San Diego

Triton Engineering Student Council ("TESC") • Sponsorship   San Diego, USA • Fall 2019 - Fall 2020
- Organize hundreds of potential sponsors, companies, and university recruiters for TESC events, such as the Disciples of Engineering Career Fair (**"DeCaf"**) and HackXX, UCSD's women-centric, all-inclusive hackathon
- Manage relationships with sponsors as the first point of contact between their companies and UC San Diego
- Liaised between other committees regarding management of event logistics and funds