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San Diego CA 92122

TAKASHI YABUTA

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EDUCATION

San Diego, CA	University of California, San Diego	Sept 2018-June 2022

- **Major:** Data Science, B.S.E
- **CS Coursework:** Algorithms & Data Structures, Data Management, Natural Language Processing
- **Math Coursework:** Mathematical Statistics, Calculus

EMPLOYMENT

Backend Software Engineer	Platter	Sept 2020-

Platter: startup for food delivery app
- Building backend server application with Node.js, Mongo DB

Software Engineer Intern	Oracle	June 2020-Sept 2020

Enterprise Manager Cloud Control: Monitoring service for Oracle Infrastructure
- Built Slack chatbot by designing conversational flows with Oracle Digital Assistant so that customers can easily monitor their databases from Slack.
- Integrated the chatbot with Oracle Enterprise Manager by developing a server with Node.js for backend integration.
- Implemented forecasting API to allow users to view forecasted values of metric values by setting up Apache Spark and tuning parameters for statistical models.
- Leveraged knowledge in Node.js, Flask, REST API, Apache Spark, Oracle Database, Oracle Enterprise Manager, Oracle Digital Assistant

TECHNICAL EXPERIENCE

Find-My-Mentor (SD Hack 2019)
- Developed an iOS app that allows users to find registered mentors on a mini-map.
- Implemented AR on the mobile interface so that a name tag appears on top of a person's head.
- Integrated the frontend with the backend server application running on AWS.
- Utilized: Swift, AR Kit, AWS Rekognition

Machine Learning for Sarcasm Detection (Data Science Scholarship Research Project).
- Trained machine learning models on sarcastic comments and non-sarcastic comments from Reddit.
- Utilized: Python, Scikit-learn, AWS, Amazon SageMaker

Travel Time Prediction for Uber Rides (DataHacks 2020, best data visualization award).
- Developed a machine learning model to predict the travel time by creating a new metric for efficient time travel.
- Utilized: Python, Scikit-learn, Seaborn, Tableau

ADDITIONAL EXPERIENCE AND AWARDS

- **UNIQLO Full Scholarship** (2018 – 2022)**:** Receiving $70,000 per year to attend UC San Diego for four years. Selected as one of the top 30 students.
- **Halıcıoğlu Data Science Institute Undergraduate Scholarship** (2019 – 2020): Awarded $2,500 to research in the field of Data Science.
- **Workshop Lead at DS3** (2020). Student Organization for Data Science enthusiasts. Leads workshops on data visualization techniques using Python.

SKILLS

Language: (*proficient*) Python, Java (*familiar*) Javascript, HTML/CSS, SQL, Scala, Swift
Framework: (*proficient*) Pandas, Scikit-learn, Matplotlib (*familiar*) Node.js, Apache Spark, Flask