

# Olivia Lee

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## EDUCATION

<b>Boston University</b> <i>M.S. in Applied Data Analytics – GPA: 3.9/4.0</i>	Boston, MA May 2023
<b>University of Michigan</b> <i>B.S. in Mathematics</i>	Ann Arbor, MI May 2022
<b>Relevant Coursework</b> <i>Neural Networks   Big Data   Algorithms   Data Structures   Data Visualisation   Statistics   Applied Regression</i>	

## TECHNICAL SKILLS

<b>Programming</b>	Python (Tensorflow/Keras, PySpark), R, SQL, C++, MATLAB
<b>Frameworks</b>	Google Cloud Platform (GCP), Kubernetes, Airtable, Webflow, Google Analytics

## EXPERIENCE

<b>Data Analyst Intern</b> <i>Builders Patch — FinTech Startup</i>	May 2023 – Present New York, NY
<ul style="list-style-type: none"><li>Spearheaded a public data dashboard initiative, utilizing <b>Python</b> to aggregate and visualise data</li><li>Orchestrated end-to-end <b>product lifecycles</b>, bridging technical concepts between product and engineering</li><li>Proactively engaged with clients to address concerns and <b>facilitate communication</b> to engineering</li><li>Served as a product expert, <b>troubleshooting</b> and <b>resolving roadblocks</b>, being the go-to for inquiries</li><li>Proficiently updated and created sites on <b>Webflow</b>, handling CMS collections and ensuring optimal <b>UI/UX</b></li></ul>	
<b>Advanced Analytics Intern</b> <i>CIMB Niaga Bank — Finance</i>	Jun. 2022 – Jul. 2022 Jakarta, Indonesia
<ul style="list-style-type: none"><li>Scripted automation in <b>R</b>, saving <b>100 hrs/mo.</b> of manual data cleaning efforts</li><li>Performed <b>SQL-based analysis</b>, delivering actionable insights for data-driven decision-making</li><li>Communicated data and findings, leveraging <b>visual reports</b> to capitalize on marketing campaigns</li></ul>	
<b>Strategy Intern</b> <i>CONCAT Inc. — Social Media Startup</i>	May 2021 – Aug. 2021 Seoul, South Korea
<ul style="list-style-type: none"><li>Conducted <b>competitor analysis</b> and presented findings to CEO, resulting in successful seed funding</li><li>Improved <b>UI/UX</b> with informed insights based on current trends for target demographic</li></ul>	

## PROJECTS

<b>TED Talk Summarization</b>   <i>Python, NLP</i>	May 2023
<ul style="list-style-type: none"><li>Leveraged Wav2Vec and tokenizers to convert speech to text with <b>89% character accuracy</b></li><li>Implemented various algorithms (eg. <b>BERT</b>, KeyBERT, spaCy) to extract keywords and keyphrases</li></ul>	
<b>Brain MRI Classifier</b>   <i>Python, Vision Transformer</i>	Apr. 2023
<ul style="list-style-type: none"><li>Developed a ViT model to detect tumors from brain MRI scans with <b>88.83% accuracy</b></li><li>Utilized overfitting prevention techniques and hyperparameter tuning for model optimization</li></ul>	
<b>Flight Analytics</b>   <i>Python, Spark, Big Data</i>	Apr. 2023
<ul style="list-style-type: none"><li>Built ML models (regression &amp; classification) for flight delay prediction on <b>60M</b> rows of data</li><li>Utilized Spark for parallelization of tasks and deployed model on GCP with a <b>8.8GB</b> dataset</li></ul>	
<b>Uber vs. Lyft Prices</b>   <i>R, Exploratory Data Analysis</i>	Nov. 2022
<ul style="list-style-type: none"><li>Applied <b>statistical hypothesis testing</b> (t-tests, ANCOVA) to identify significant price differences</li><li>Communicated statistical findings into easily understandable content with visualizations</li></ul>	

## ADDITIONAL

- Languages: English (Native), Malay (Fluent), Indonesian & Korean (Intermediate)
- Self-taught sewist & crochet artist, upcycling materials and making clothing and accessories from scratch