**Andie Lin**

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Education

University of Technology, Sydney

*Bachelor of Software Engineering (Honours)*

* WAM 81.89
* Major in Software Development/Minor in Cybersecurity

Employment

**Software Engineer Intern** Jun 2023 -Aug 2023

*Loan Options*

* Streamline the broker's loan selection process by creating a web application to analyze bank statements. Full stack development of web application built with NextJS, and Fast API.
* Operate in a professional development environment communicating with other employees  
  (brokers, UX/UI designer)

**Customer Service** Nov 2019 –Nov 2020

*BWS*

* Assist customers with questions or recommendations.
* Stocking Shelves and unloading pallets
* Ability to work alone and maintain day to day operations.

Projects

Twitter Sentimental analysis | *NLP, Python, React, AWS Lambda*

* Built a sentimental analysis website using twitter’s API on twitter’s sentiment towards a subject.
* Implement sentimental analysis on tweets relating to search subject.

Quantum Fridge Tracker | *ReactJS, Flask, Python, Git, MongoDB*

* Developed web application used to track temperature and pressure readings online.
* Using Flask as a REST API with React as the frontend.

AI differentiator | *SkLearn, Python*

* Built a classification model used to determine which machine learning algorithm is best in differentiating between AI generated chest X-ray and authentic chest x-ray.
* Train the model using techniques – K-NN, SVM Regression, Logistics Regression.

Not hotdog | *TensorFlow, NextJS, Python, Fast API*

* Built a web application based on TV Show Silicon Valley’s not hotdog app which could identify if an image was a hot dog or not with NextJS for the full stack.
* Trained a model with TensorFlow with data obtained from Kaggle.
* Deployed the model onto the cloud with GCP Cloud Run as a Rest API

Technical Skills

**Programming language:** C++, C, JavaScript/Typescript, Python, SQL, HTML/CSS

**Cloud:** AWS Lambda, AWS S3, AWS ECS, GCP Cloud Run, GCP Artifact Registry

**Skills:** Redux.js, RestAPI

**Frameworks:** ReactJS, NextJS, Django, Fast API

**Machine Learning:** Sklearn, TensorFlow

**Developer Tools**: Git, VS Code, PyCharm

**GitHub:** <https://github.com/AndLin-hub>

**Personal Website:** <https://andielin.vercel.app/>