

DANIEL BOZINOVSKI

SOFTWARE ENGINEER /
DATA SCIENCE &
ENGINEERING
STUDENT

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PROFILE

An eager engineer and adventurer, looking for new and exciting opportunities to learn and grow through love for Programming and Machine Learning. Striving to uplift and motivate others

SKILLS

- Strong background in **Object Oriented Programming**, including **Python, Java** and **Javascript**
- **React JS, Redux**
- **Typescript, Docker**
- **Node JS, Express JS**
- **HTML5, CSS3**
- **MongoDB, MySQL, Firebase**
- **Amazon Web Services (AWS)**
- **NumPy, Pandas, TensorFlow**

CERTIFICATION(S)

COMMONWEALTH BANK | 2020

Virtual Experience Program Participant with Forage

EXPERIENCE

JUNIOR SOFTWARE ENGINEER (FULL-STACK)

WORKLFW86 | JAN 2022 - PRESENT

- Created and maintained software features that are being used by thousands of clients across the globe
- Working in a high-performance software environment
- Participated in daily sprints & weekly spring plannings
- Utilised React JS, Java (Spring boot), MongoDB, MySQL and many other prevalent technologies

SOFTWARE ENGINEER

ASSESS THREAT (VARDOGYIR) | AUG 2021 - FEB 2022

- Worked in an agile software team to build, maintain and deploy new features for on-demand analytical software for physical security threats, including terrorism risk and hostile vehicle attacks

FULL-STACK SOFTWARE ENGINEER INTERN

SUCCESS TUTORING | JUN 2020 - MAY 2021

- Worked with an agile team to build a **Kiosk Software Application** (made with **React, Node JS, Javascript**) to allow customers & students to **book tutoring lessons** and **make payments for lessons through Stripe's API**
- The Kiosk is currently being **used by 100's of tutoring customers** across Sydney's Inner-west
- Aided in building a CMS/**Tutoring Portal** with a custom built timetable for Students, Staff, Franchisees and Customers to be able to **book lessons/make payments online** with their own account (Using **AWS & React**)

PROJECTS

PNEUMONIA IMAGE CLASSIFICATION

TEAM PROJECT

- Lead a team of 2 at classifying whether a patient has Pneumonia based on their Dicom Medical images
- Utilised standard models on extracted image features including Logistic Regression, k-Nearest Neighbours, SVM, Random Forests, Boosted Classifiers, etc
- Tested an ensemble of Deep Learning models including Fully-connected NNs, Convolutional NNs and MobileNet w/Transfer Learning
- Utilised RandomGridSearch to find all optimal hyper-parameters in conjunction with K-Fold Cross Validation

EDUCATION

MASTERS OF DATA SCIENCE & ENGINEERING (IT)

UNIVERSITY OF NEW SOUTH WALES | FEB 2022 - DEC 2023

BACHELOR OF COMPUTER SCIENCE (DISTINCTION)

UNIVERSITY OF NEW SOUTH WALES | FEB 2019 - DEC 2021