

# Vanshika Lal

Energetic and passionate third-year university student working towards a BS in engineering at the University of Auckland and aiming to use my knowledge of software and hardware to improve existing subsystems.



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**LinkedIn**



**Portfolio**

## Skills:

C, C++ & Python

HTML & SQL & JavaScript

Scratch & Machine

Learning

R Studio

MATLAB

Altium & Autodesk Cad

Microsoft Office

Communication Social

Media Platforms

Problem solving

## EXPERIENCE

2021– Present

### IT Support • Cprlifesaver • Auckland

- Developed a report generator in excel using visual basic
- Developed a dashboard using google data studio
- Constructed a technical system document to derive business insights.

2020– Present

### Intern / Tutor • Brain Play • Auckland

- Manage classroom behaviour
- Taught children JavaScript, robotics, 3D printing, Blockly, Coffee script and Python.
- Reviewed class material and helped students solve problems creatively.
- Identified individual developmental needs and implemented customised coaching and mentoring to help students master new skills.

2019– Present

### Retail Sales Assistant • Cotton On • Auckland

- Greeted customers within one minute of arrival into the store
- Answered queries from customers
- Performed cleaning and housekeeping duties
- Replenished stock on displays
- Operating the point-of-sale systems and handled sale transactions

2018– 2019

### McCafé Barista • McDonalds • Auckland

- Maintained general store cleanliness
- Proactively participated in meetings and helped create new practices
- Handled customer complaints with empathy and composure
- Provided excellent and efficient customer service

2019 - 2020

### Volunteer • Open Law NZ • Auckland

- Familiarity with parser's
- Familiarity with typescript
- Collaborated with other developers to create clean interfaces and simple, intuitive interactions and experiences

2016– 2018

### Voluntary Sales Assistant • Broadway Jewellers • Auckland

- Explained the cuts, carats, colour, and clarity in jewellery to customers
- Familiarity with watch brands
- Familiarity with all types of precious stones
- Handled cash transactions

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## EDUCATION

### The University of Auckland, Auckland CBD

Bachelor of Engineering with Honours –3<sup>rd</sup> year Computer Systems Engineering  
2019- Present

#### Accomplishments:

2019 – Best Presentation (Design paper 115, Semester 1).

### Secondary Education – Papatoetoe High school 2018

2018 – Passed level 3 with Excellence Endorsement.

2017 – Passed level 2 with Merit Endorsement.

2016 – Passed level 1 with Excellence Endorsement

#### Accomplishments:

- 2018 - Participated in Polyfest Punjabi dance.
- 2016 – Girl code – Microsoft.
- 2016 – Participated in Polyfest Japanese dance.

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## UNIVERSITY INVOLVEMENT

2020 – Mystery Club

2020 – Blitz Talk

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## REFERENCES

- Louise Ortiz  
Part time Manager

#### Cotton On

Great South Road & Manukau Station Road, Manukau City, Auckland 2104, New Zealand

(+64)0223912664

- Bailey Hughes  
Brain Play Owner

#### Brain Play

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