

Farzan Devlaliwalla

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WWW: <https://farzand03.github.io/portfolio/>

Summary

I am a third year student studying electrical and electronics engineering at Curtin University. Alongside my studies, I also have a passion for web development and develop websites and web applications entirely from scratch using various programming languages. I am eager to continue to grow my skillset as a budding electrical engineer by applying myself in the real world, learning from people in the industry and forming valuable connections.

Skills

- HTML, CSS, Javascript
- Python, C89, Matlab
- SCADA, Pi System Explorer, Pi BA Integrator
- Teamwork, collaboration, critical thinking, problem solving

Experience

RELIABILITY ENGINEERING INTERN | 11/2023 - 02/2024

BHP - Port Hedland, WA

- Created a power monitoring dashboard on Eaton Visual Power Manager for two communication equipment rooms.
- Collaborated with various subject matter experts from different areas of the business to fill gaps in knowledge.
- Gained exposure to a wide variety of telecommunication devices such as DCN switches, routers, servers and PDU's.
- Developed and presented a powerpoint involving background research, methodology and ROI calculations to pitch for future funding into project expansion.

ELECTRICAL ENGINEERING INTERN | 01/2023 - 11/2023

BHP - Perth, WA

- Designed a program to automate the generation of SCADA power demand data sheets.
- Presented the final solution to a team of engineers, including how it was created, how it works, and what problems it solves.
- Developed skills working with the SCADA interface, the Pi-Data link add-on in excel, Pi System Explorer and Pi BA Integrator.
- Provided technical support to other engineers using the solution through the creation of quick reference guides.

FIRST YEAR INTERN | 11/2022 - 01/2023

BHP - Perth, WA

- Gained exposure to many facets of the mining industry over a structured 8-week program.
- Participated and contributed to sessions focusing on personal development and business strategies.
- Used interpersonal skills, networking and problem solving to create a group presentation on a feasible solution for an internal issue within BHP.

CASHIER | 11/2021 - 03/2024

Woolworths - Perth, WA

- Provided excellent customer service while promoting loyalty programs to increase sales potential.
- Collaborated with team members in order plan events and promotional offers.
- Assisted customers over the phone regarding store operations, product information and order placement.

STUDENT TUTOR | 06/2022 - 11/2022

Self-Employed - Perth, WA

- Assisted students in developing strategies for managing their time and workloads.
- Provided individualized academic support to help students reach their learning goals.
- Conducted tutoring sessions to help students improve their understanding of course material.
- Encouraged positive study habits, such as note-taking, goal-setting, and organization skills.

KITCHEN HAND | 11/2020 - 11/2021

KFC - Perth, WA

- Inspected equipment, refrigerators and high temperature cookers to check compliance with safe operating levels.
- Followed proper handling and sanitation procedures to comply with food safety standards and protocols.

Volunteering

CO-FOUNDER | 03/2024 - Current

YukuLabs - Perth, WA

- Created a hybrid tutoring company that bridges the gap between physical and digital methods of learning.
- Removing education inequality that exists between metropolitan and rural areas.

STEM STUDY BUDDY VOLUNTEER | 06/2022 - Current

Curtin University - Perth, WA

- Facilitated meetings between students and teachers to discuss learning goals.
- Mentored students in the development of critical thinking skills for problem solving.
- Created a supportive environment for collaborative learning among peers.
- Explained complex topics in accessible language, tailored to the needs of each student.

COMMUNITY VOLUNTEER | 11/2021 - Current

Save The Children - Perth, WA

- Organized fundraising events to help fund various projects within the community.
- Collaborated with other organizations to plan activities for children and families living in poverty.
- Compiled data from surveys conducted by volunteers regarding their experiences working in the community.

Education

Curtin University - Perth, WA | BEng Hons Electrical And Electronics

- Studying with a current course weighted average of 86%

Carey Baptist College - Perth, WA | High School Graduate

- Graduated Carey Baptist College as Proxime Accessit, with an ATAR of 98.1

Languages

English:

Native/ Bilingual

Hindi:

Limited

Gujarati:

Professional

Certifications

- Working with Children

Accomplishments

- 2023 BHP bright spot recipient (for developing an automation solution).
- 2022 Semester 2 Member of the Vice-Chancellors List (top 1% of cohort).
- Dean Letter of Commendation recipient every semester (80% minimum average every semester).
- Curtin Extra Tier 1 Certificate for volunteering recipient.
- Curtin University Academic Excellence Scholarship recipient.
- February 2022, Save the Children volunteer of the month award recipient.
- 2021 Carey Baptist Proxime Accessit award recipient (2nd highest average grade).
- Leader of 2020 Carey Baptist College STEM Solar Car Challenge state team.
- Represented Carey Baptist College in the 2020 CO2 dragster state competition.

References

References available upon request.