

BINYIN PATRICK DI

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Merriton SA
Australia 5523

EDUCATION

Bachelor of Agricultural Science (Honours)
Undergraduate, The University of Queensland
2017- 2020

Human Rights Violations in Germany
Exchange, Humboldt University of Berlin (Humboldt-Universität zu Berlin)
06-24 January 2020

Tropical Agriculture (AGRC3054)
International Fieldtrip, Gadjah Mada University (Universitas Gadjah Mada)
04-21 July 2019

Victorian Certificate of Education (VCE)
Australian Years 11 & 12, High School Certificate
2014-2016

WORKING EXPERIENCE

Precision Agriculture Specialist (Crystal Brook)
Rocky River Ag Services
Nov 2021 – current

- Created boundary and field mapping for customers
- Managed customers' data
- Installed a wide range of Trimble and CNH products
- Analysed and diagnosed fault codes
- Maintained RTK radio / NTRIP network
- Provided instructions and suggestions to customers

Casual Research Assistant (Various locations)
The University of Queensland
July 2020 – Nov 2021

- Collected qualitative data, through ground surveys, plant partitioning, and UAV flights
- Generated, analysed and visualised results
- Created automatic pipelines for multiple research projects
- Developed high-level report writing skills through submission of milestone report to supervisors
- Liaised with key researchers and parties to facilitate and solve the issues
- Installed and surveilled sensors at multiple sites
- Assisted other miscellaneous tasks

Student Intern (Brisbane)
Lead Institute
June - July 2020

- Brainstormed and produced business model canvas
- Created objectives and delivering recommendations
- Organised regular meetings and discussed in groups

- Drafted progress reports, and submitted final report & presentation

Casual Farm Hand (Mt Sylvia)

Crust Farm (Trading as "Mount Sylvia Fresh")

Dec - Nov 2018

- Sorted out the different sizes of gingers (Small, medium, large and jumbo) to meet the market criteria
- Packed gingers into standard boxes. (1 pile every day, approx. 50 boxes)
- Evaluated the quality of gingers and watermelons
- Cleaned the shed routinely

VOLUNTEERING EXPERIENCE

Retail Assistant

The Australian Red Cross (Gatton Retail Store)

July 2017- Nov 2017

- Organised weekly and seasonal rotations
- Served customers for their needs
- Packed and stocked goods
- Recorded and reviewed the prices

Mentor & Student leader

The University of Queensland

2018-2021

- Mentored for incoming new students domestically and internationally
- Led student societies and clubs
- Organised student-lead activities

HONOURS AND AWARDS

2020	Employability Award Awarded by Student Employability Centre, The University of Queensland
2020	UQ Science Leaders Award (UQ Science Leaders Academy) Awarded by Prof Susan Rowland, Deputy Associate Dean Academic, Faculty of Science, The University of Queensland
2020	Winter Research Scholarship Awarded by Student Employability Centre, The University of Queensland
2019	Leadership and Mentoring Program in Science Awarded by Prof Melissa Brown, Executive Dean of Faculty of Science, The University of Queensland
2019	Short Term Experience Travel Grant Awarded by Student Employability Centre, The University of Queensland for supporting the short-term study experience at the Humboldt University of Berlin.

PROFESSIONAL AFFILIATIONS AND SERVICES

Organisations

Full membership (2022-)
Society of Precision Agriculture Australia (SPAA)
UQ Future Leader (Class of 2020)

The University of Queensland
Undergraduate Student Member (2020)
AG Institute Australia

Committee Member

Student Representative at The University of Queensland
School of Agriculture and Food Science (SAFS)
SAFS Equity, Diversity and Inclusion Committee (2020)
SAFS Student Council (2019)
Faculty of Science
Science Teaching and Learning Committee (2019)

Clubs & Societies

UQ Agricultural Science Society (UQ Plant Science Society) Treasurer (2020)
Gatton International Students Association (UQGISA) Vice President (2019-2020)

CERTIFICATES AND SKILLS

Licences:

- Current driver's licence
- CASA Remotely Piloted Aircraft (RPA) operator accreditation

Applications:

- Precision & Guidance: CNH AFS Connect, Trimble Precision IQ
- Microsoft Office Suites: Word/Excel/PowerPoint/Sharepoint (Intranet)/Teams
- DJI Suites: GS Pro, Go Pro
- Flight Processing: Agisoft PhotoScan & Pix4D
- Programming: R, Python, Git, Portable Batch System

REFEREES

References are available upon request