

BINYIN PATRICK DI

Phone: +61 (0) 466967005

Email: patrick_di@icloud.com

[LinkedIn](#) | [WebPage](#)

Darwin NT
Australia 0080

SKILL SUMMARY

- Technical Proficiency: Broadacre Agronomy, Horticulture, Plant Protection
- Communication Skills: Verbal & Written Reporting/Presentation
- Interpersonal Skills: Regional Community Engagement, Customer Services
- Professional Skills: Prioritisation, Planning
- Current Unencumbered Driver's Licence

WORKING EXPERIENCE

Biosecurity Industry Liaison Officer (Darwin)

Northern Territory Farmers Association

Feb 2023 –

- Participated and implemented farm biosecurity
- Delivered local and national communications related to biosecurity
- Developed supporting documentation, plans and promotional activities to create biosecurity awareness
- Consulted with industries to determine likely methods of disease spread, options for disease control etc
- Sought and encouraged industry endorsement of pest control policies, cooperation with control activities and dissemination of information to their members

Precision Agriculture Specialist (Crystal Brook)

Rocky River Ag Services

Nov 2021 – Nov 2022

- Created boundary and field mapping upon customers' requests
- Engaged with growers to understand their demands and issues
- Installed and upgraded a wide range of Trimble and CNH products to improve users' experience
- Analysed and diagnosed fault codes from machinery and reported to Technical Support Desk if needed
- Maintained and monitored RTK radio / NTRIP network on daily basis
- Provided instructions and suggestions to customers for the best practices

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 monitored 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

EDUCATION

Bachelor of Agricultural Science (Honours)

Undergraduate, The University of Queensland

2017- 2020

Victorian Certificate of Education (VCE)

Australian Years 11 & 12, High School Certificate

2014-2016

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

RESEARCH PAPER

Di, Binyin; Firm, Jennifer; Buckley, Yvonne M; Lomas, Kate; Pausas, Juli G; Smith, Annabel L 2022 The impact of roadside burning on genetic diversity in a high-biomass invasive grass, *Evolutionary Applications*, vol. 15, no. 5, pp. 790-803, <https://doi.org/10.1111/eva.13369>

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

Australia-China Agricultural Youth Program
National Farmers Federation (2022-)
UQ Future Leader (Class of 2020)
The University of Queensland (2020-)
Undergraduate Student Member
AG Institute Australia (2020)

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