Maxwell Bo

max@maxbo.me • 0447 724 462

maxbo.me • github.com/MaxwellBo • linkedin.com/in/max-bo/

EMPLOYEMENT

Skedulo, Brisbane, Australia
Software Developer Intern   Jan 2017 – Present
- Full-stack development, working with purely functional Scala (Play, Finangle, Typelevel ecosystem), TypeScript (React, RxJS, GraphQL), Python
- Led a feature team to overhaul Skedulo's internal service administration applications
- Rebuilt Skedulo's customer facing onboarding procedure, involving design, frontend and backend development

EDUCATION

University of Queensland, Brisbane, Australia
Bachelor of Science (B.S.) in Computer Science Extended Major   Jul 2015 – Est. Q2 2019
- 6.1 GPA
- Dean's Commendation for Academic Excellence, awarded for a minimum semester GPA of 6.6
- Regular attendee of monthly Brisbane Functional Programming Group (BFPG) meetups

Bachelor of Arts (B.A.) in International Relations   Feb 2015 – Jul 2015
Did not complete

VOLUNTEERING

UQ Computing Society, University of Queensland
Secretary   Nov 2017 – Present
- Responsible for room bookings, catering, and organising speakers for our biweekly events, including student talks, industry panels, hackathons, and social events.
- Assists with maintaining the society's custom software, including Slack bots, member management/signup tooling, and website

UQ United Nations Student Association, University of Queensland
Model UN Officer (Executive)   Feb 2018 – Present
- Serves as a chairperson and technical director for internal UQUNSA Model United Nations simulations
- Served as a technical adviser and contributor to the Asia-Pacific Model United Nations Competition 2016 Brisbane Bid

BrizMUN - Director   Apr 2017

PROJECTS

neoreader
Screenreader for Neovim   Aug 2017 – Present
- Supports infix operator identification for Haskell, as well as Python 3 specific AST analysis for more intelligible reading
- Awarded 1st place at the QUT Code Network Winter Hackathon 2017
- Python 3
- Used by at least 2 vision impaired developers. Actively maintained. Currently preparing to support Scala AST analysis, delegating to scala-verbal-descriptions

Muncoordinated 2
Model UN committee management SPA   2016 – Present
- TypeScript, React, Firebase, Semantic UI
- Actively maintained. Used at all internal UQUNSA Model UNs. Used at external MUNs, SydMUN 2017 and VicMUN 2018, managing over 200 delegates.

SKILLS

Programming Languages
Learning: Erlang, Prolog
Using: Python, Scala, Haskell, TypeScript, Kotlin
Encountered: Elm, Rust, CSS/HTML/JavaScript

Tools, Libraries & Concepts
Experienced: Git, Play, Finangle, Scala Typelevel ecosystem (Cats, http4s, doobie, Monix, Shapeless, circe, Scalameta, refined, Monocle), React, formal logic
Familiar: Unix, discrete mathematics, algorithms & data structures, compilers, formal methods, LaTeX, agile, Rx(JS / Monix), GraphQL

ACHIEVEMENTS

3rd Place Microsoft College Code Competition   Mar 2018
1st Place QUT Code Network Winter Hackathon   Aug 2017
Runner-up Best Delegate Asia-Pacific Model United Nations Competition   Jun 2015
Silver Award The Duke of Edinburgh's International Award   2013

CERTIFICATIONS

Grade 8 Classical Guitar Trinity College   2014

REFERENCES

References available upon request

[This document is accurate as of 2018-03-18]