

Maxwell Bo

max@maxbo.me • 0447 724 462
maxbo.me • github.com/MaxwellBo • linkedin.com/in/max-bo/

EMPLOYMENT	Atlassian , Sydney, Australia Software Developer Intern Nov 2018 – Jan 2019
	Skedulo , Brisbane, Australia Software Developer Intern Jan 2017 – Present <ul style="list-style-type: none">Full-stack development, working with purely functional Scala (Play, Finagle, Typelevel ecosystem), TypeScript (React, RxJS, GraphQL), Ruby (Cucumber), PostgreSQL + PostGIS, C# (Xamarin) & Kotlin (Android)Led a feature team to overhaul Skedulo's internal service administration applications, reducing burden on support and CSRebuilt customer facing onboarding procedure for improved usability, involving design, frontend and backend developmentRefactored scheduling and resource tracking microservices, eliminating long-standing transient errors and performance issues
EDUCATION	University of Queensland , Brisbane, Australia Bachelor of Science (B.S.), Computer Science Extended Major, 6.1/7 GPA Jul 2015 – Est. Jan 2019 <ul style="list-style-type: none">Dean's Commendation for Academic Excellence, awarded for a minimum semester GPA of 6.6 Nov 2017
VOLUNTEERING	UQ Computing Society , University of Queensland Secretary Nov 2017 – Oct 2018 <ul style="list-style-type: none">Responsible for room bookings, catering, and organising speakers for our biweekly events, including student talks, industry panels, hackathons, and social eventsAssisted with maintaining the society's custom software, including Slack bots, member management/signup tooling, and websiteWrote and presented official UQCS educational talks
	UQ United Nations Student Association , University of Queensland Model UN Officer (Executive) Feb 2018 – Oct 2018 <ul style="list-style-type: none">Served as a chairperson and technical director for internal UQUNSA Model United Nations simulations
	Director - BrizMUN Apr 2017
	YOW! Lambda Jam , Sydney, Australia Student Volunteer May 2018
PROJECTS	Muncoordinated , <i>muncoordinated.io</i> Model UN committee management service Oct 2017 – Present <ul style="list-style-type: none">Used at all internal UQUNSA Model UNs. Dramatically reduced burden on committee directors, cutting administration time by 30 minutes per day (50%). Used at all large Australian MUNs, and over 20 international MUNs. Over 200 unique users per monthActively maintained. Built with TypeScript, React, Firebase & Semantic UI
	neoreader Screenreader for Neovim Aug 2017 – Present <ul style="list-style-type: none">Awarded 1st place at the QUT Code Network Winter Hackathon 2017Supports infix operator identification for Haskell, as well as Python 3 specific AST analysis for more intelligible readingUsed by at least 2 vision impaired developers. Actively maintainedPreparing to support Scala AST analysis by assisting the Scala Center accessible-scala initiative. Contributed initial proof-of-concept, scala-verbal-descriptions
SKILLS	Programming Languages Experienced Python, Scala, Haskell, TypeScript Learning Erlang, Prolog, Idris, Kotlin, C# Encountered Elm, Rust, Java, C, Ruby, PostgreSQL, C++
	Tools, Libraries & Concepts Experienced Git, React, Play, Finagle, Scala Typelevel ecosystem, formal logic Familiar \LaTeX , Unix, Rx(JS / Monix), GraphQL, PostGIS, Cucumber, Selenium, Gurobi, Xamarin compilers, formal methods, discrete mathematics, algorithms & data structures
INTERESTS	Functional programming, FRP, compilers, dependent typing, formal methods, concurrency, UI/UX Regular attendee of monthly Brisbane Functional Programming Group (BFPG) meetups Attendee of PyCon AU 2018 and YOW! Lambda Jam 2018 conferences
ACHIEVEMENTS	Best Design Award UQ Computing Society Hackathon Aug 2018
	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