



Nell Yi

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github.com/dizkneelande/cv.pdf 
(Last updated November 27, 2024.)

Basic Info

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: open.spotify.com/artist/Beneb
: music.apple.com/au/artist/TT&E/

- Final year Bachelor of IT student at the [Queensland University of Technology](https://www.qut.edu.au) , majoring in Computer Science with a second major in Data Science.
- Since late 2017, I have been an educator of music in various public and private scenarios with a love and focus for improvised music. Attained Bachelor of Music in 2021.
- Registered hairdresser since 2014, specialising as a colour technician with experience in editorial and fashion environments.
- FOSS proponent with a keen interest in software minimalism and automation. Perpetual tinkerer of consumer electronics in my spare time.

Institutions

2022–2025	Bachelor of Information Technology (Computer Science) <i>Queensland University of Technology, Brisbane City, Queensland.</i> Computer Science major with specialisation in Data Science, recipient of 2024 dean's accolade. Cumulative GPA to date: 6.313 .
2017–2021	Bachelor of Music (Jazz Performance) <i>Jazz Music Institute, Fortitude Valley, Queensland.</i> Graduated with Distinction, awarded for academic excellence in 2018, 2019, 2020. Nominated Student Representative of 2020. GPA upon graduation: 6.58
2013–2014	Certificate III (SHB30416) in Hairdressing <i>TAFE NSW Ultimo, Sydney, New South Wales.</i> Simultaneously completed apprenticeship with specialised Goldwell/KMS-sponsored education programs.
2012–2013	Associate of Arts - Combined Emphasis <i>Musicians Institute, Hollywood, Los Angeles, USA.</i> Focussing on jazz music theory. Recipient of of 2012 ESP-sponsored Musicianship Scholarship.

Professional Skills

2024–PRESENT	Student software contractor <i>Queensland University of Technology, Picnic Labs Limited.</i> <ul style="list-style-type: none">• Acting team leader for Bachelor of IT capstone project partnership with industry supervisor.• Coordinated a substantial industry-oriented software development project among members of a team.• Familiar with industry-standard project management methodologies (e.g., Agile, DSDM, Scrum).• Adaptable to industry-grade software infrastructure, tools and platforms.• Proficient in a multitude of programming languages and frameworks (see "Languages" below).• High-speed typist (100-120wpm).
2018–PRESENT	Music tutor, musician, Event coordinator <i>Jazz Music Institute, Jungle Love, Bluesfest, various private and public events</i> <ul style="list-style-type: none">• Teacher of music theory in various one-on-one and group configurations.• Freelance guitar tutor to regular clientele of all ages.• Highly regular public performer of jazz music and other contemporary styles.• Participated in a variety of management roles including festival and event planning.• Team, band, orchestral management.

2013-2019	Hairdresser, editorial stylist, hairdressing educator <i>Mercedes-Benz Fashion Week, Vogue, Goldwell/KMS, Alan White Anthology, various salons between NSW and QLD</i> <ul style="list-style-type: none"> • Experienced in customer service, merchandising and product service. • Able to maintain high attention to detail in high-stress environments. • Participated in a number of large-scale editorial scenarios. • Participated in product education programs with a specialisation in colour technologies. • Supplemented education roles as needed for in-house trainees/apprentices • Prepared workspaces daily according to industry WHS requirements.
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Languages

HUMAN	Native speaker of Korean and English, some Russian and Latin, reading knowledge of most Cyrillic-based scripts. Grammatical knowledge of Japanese and many Indo-European languages.
MACHINE	Python, Rust, Perl, R, Matlab/GNU Octave, bash/shell, TypeScript, some superficial knowledge of C, common LISP and Haskell; markup languages including \LaTeX / \XeTeX , R Markdown, HTML, CSS.

Tools I Use

I have a preference for free and open-source operating systems and software:






Usual Workflow

I use a **vim**-based setup in a tiling window manager (**i3-gaps**). I compile documents using **R Markdown** or **\LaTeX** and prefer to do multimedia manipulation in the terminal with tools like **imagemagick** and **ffmpeg** for extensibility's sake. I've run Microsoft, MacOS and GNU/Linux systems (both Debian and Arch-based varieties, as well as Void Linux).

Programs I'm Familiar With

tmux, ssh, git, samba, QEMU, Proxmox, Docker, VSCode, RStudio, Audacity, GIMP, pandoc, Jupyter. I am comfortable with DAW tools such as Logic and Pro Tools and have used them in both personal and professional settings.


Public Code and Scripts

2024	flowmato  <i>Tomato-themed productivity timer app.</i> A customisable productivity timer app inspired by the Pomodoro study technique, written in Java. Produced as a group assignment alongside fellow students as part of an assessment submission.
2024	image  <i>General purpose image manipulation tool, written in Rust</i> I maintain a fork of an abandoned image manipulation tool to be compatible with the latest stable version of Rust/Cargo.
2023	typora-tokyonight  <i>Custom theme for markdown editor Typora.</i> Features highly customised syntax-highlighting configuration, including changing colours for code, bold/italic text and math.
2023	i3/sway config files  <i>Linux dotfiles.</i> Configuration files for an i3 or sway setup compatible with most Arch-based Linux distributions.
2023	Retroarch overlays for 4:3 screens  <i>Custom overlays for 4:3 Retroarch systems including bezels and crt effect.</i> Optimised for 640x480 displays.

Hobbies

Archeology, human evolution and prehistory, free (i.e. libre) software, world economics, video game preservation and emulation, classical music and languages. Aficionado of fine coffee, though I usually afford the budget selection most days as I need to feed a family of 7 (cats).

References

Email me  with your interests in me and I'll be happy to refer you to someone who can vouch for me or defame me, depending on what you'd like to know!