

NICHOLAS MULQUINEY

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EXPERIENCE

March 2022 – November 2023

Cellabs Pty. | *LABORATORY ASSISTANT*

- Calibration of over 40 different scientific instruments
- Daily, weekly and monthly maintenance of this equipment
- Diagnostic reagent production for diseases such as Malaria, CryptoSporidium, Giardia and Chlamydia
- Lab safety practices to ensure disease containment
- Publication research and indexing involving the head of production and of management
- Other general duties such as upkeep and cleaning

May 2021 – June 2023

Manly Selective. | *LEGALLY BLONDE AND ANASTASIA MUSICAL TECH CREW,*

Assistant Stage Manager

- Directed the lower stage right, overseeing 3 others
- Movement of sets and props on and off stage
- Show scheduling.
- Set construction and design
- Bump in, involving sets, lighting systems, sound systems and orchestral items
- Bump out, involving sets, lighting systems, sound systems and orchestral items
- Team management ensuring good relations and calm heads

May 2018 – June 2019

Manly Selective. | *THE LITTLE MERMAID AND WICKED MUSICAL TECH CREW*

Assistant Lighting Manager

- Patching in lights using GrandMA2
- Fixture aiming and effects involving multiple rows and types of lights
- Setup of up to 300 lighting cues for the final night
- Creation of stored effects to be used in conjunction with the cued lighting
- On night cue management

EDUCATION

November 2023

96 ATAR

MANLY SELECTIVE CAMPUS | CURL CURL, SYD

- Software design development, Biology, Chemistry, Physics, 4 unit Maths, Advanced English

Current

STUDENT

UNSW | KENSINGTON, SYD

- Computer Science and Electrical Engineering Double Degree

SKILLS

- Source control
 - Extensive knowledge of Github
 - Understanding of agile, scrum and other development approaches
- Languages
 - Experience with Assembly, C, C++, CSS, Java, JS, PHP, Python, Rust
 - Primarily focused on JavaScript and C
- Testing and Debugging techniques
 - Creation of test cases, test data, and test environments
 - Use of elements such as flags, breakpoints and output expressions
- Operating Systems
 - I natively run windows
 - Linux through WSL (Debian and Ubuntu)
- Front-End development
 - CSS styling including Selectors, Pseudo classes and elements
 - HTML construction including containers, tags and types
 - JS functionality including classes, objects, and asynchronous functions
- Back-end development
 - Server hosting and creation
 - Fetch and response functions
 - Data handling and optimisation

CERTIFICATIONS

- Working with Children check
- ATAR

PROFESSIONAL REFERENCES

- Diane Hall, Manager, Cellabs
- Amy Whyte, Technical Crew manager, Manly Selective Campus
- Branko Goykovic, Construction manager, Manly Selective Campus