


Deon Chen (B.Eng)

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Website (please visit): 

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Professional Experience

2022-23

Structural Steel Detailer & Drafter ELLUC Projects

Multinational company with offices in the UK, Australia, and South East Asia
Construction Consultation, BIM Coordination, Precast and Structural Steel Detailing

- Lead Structural Steel Drafter for Aus team
- Designing, modelling, and drafting of a wide variety of infrastructure
 - School Infrastructure – Barwon SS, Geelong | East Gungahlin HS, Canberra
 - Shopping Centres – Dickson Village, Canberra
 - Train Stations – Exhibition Station, CrossRiver Rail, Brisbane
- Projects involve detailing structural steel with Tekla Structures, and the creation and annotation of hundreds, often thousands of assembly and part drawings, all to AU/NZ Standards
- Had to communicate and collaborate with team members overseas, involving daily online team meetings, workload allocation, and file management
- Experience consulting with clients throughout the lifespan of projects, and project management from conception to final delivery

2018-20, 24

Tutoring University of Queensland / Freelance

- Was a tutor / teaching assistant for various undergraduate courses during my time at UQ (ENGG1001, CSSE1001, MATH1055, ENGG3500). These courses cover difference disciplines, but were all introductory courses for first years. Teaching material was already provided, was there just to answer questions, set up equipment for practicals, etc.
- Mathematics tutor for middle school / highschool students, usually 2 hours a session, 1-on-1.
- Feedback from the kids is that they now "love maths" – said with a sarcastic voice, but I think deep down they like it slightly more now.

2018-19

Chef / Kitchen Hand / Waiter Burleigh Thai - Burleigh Heads

- Worked as front-of-house for a small thai takeaway shop helping with food prep and serving before moving up to assistant chef in a few months
- Experience with wok-cooking for rice and noodle dishes, pot cooking for curries and soups, and deep-frying
- Was responsible for opening shop (setting tables, checking inventory, etc) and closing (cleaning kitchen, emptying rubbish, returning food to storage)

2016-21

Kitchen Hand Yum Cha Cuisine - Pacific Fair

- Kitchen Hand for Dim Sum / Dumpling / Steamed item section of the kitchen
- Ingredient prep, dumpling making, and serving

Education

2017-23

Bachelor of Engineering (Honours)

Mechanical Engineering

The University of Queensland

Skills

- BIM, modelling, and drafting software with **Tekla Structures / Revit**
- CAD Design software with **Autodesk Inventor, PTC Creo & Solidworks**
- Project management with **Sharepoint, Bluebeam Revu, & Trimble Connect**
- Graphics work with **Adobe Creative Suite, Affinity Designer, Blender**
- Proficient with **Python, Golang, and C**, and have experience working with **frontend webdev with HTML+JS (click here)**

Accomplishments

- **Best Water Purification Treatment Prototype - ENGG1100 Engineering Design Project**

In a team of six, we were tasked with the design and fabrication of a water purification device that would be able to treat non-potable water.

- **Golden Shockie Award - MECH3200 Advanced Dynamics and Vibrations**

In a team of eight, we investigated the phenomenon of "sympathetic vibration", or "coupled oscillation", and constructed a demonstration model. The team was awarded the Golden Shockie for *the most effective demonstration of a concept in advanced dynamics and vibrations*.

- **Most Valued Employee @ Elluc PROJECTS 2023**

Included a \$100 VISA Gift Card, cheers Michael! (see references)

References

Michael Elms (Mobile : +61 (0) 428 587 604)

Regional Director @ ELLUC Projects Aus – [in](#)

Erwin Mangubat (Mobile : +61 (0) 417 504 333)

Detailing Manager @ ELLUC Projects Aus – [in](#)