

Dinh Tung Le (Tony)

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github.com/tonydle

Experience

Casual Academic

March 2019 - Present

University of Technology Sydney

- Tutor for: **48622 Mechatronics 1** and **41013 Robotics**, helping students achieve key knowledge in class and lab sessions, following UTS's *learning.futures* model of learning
- Developing and maintaining open-source software for educational robots:
 - **ROS package** for the Dobot Magician github.com/gapaul/dobot_magician_driver
 - **Unity3d** Simulation for the UR3 github.com/tonydle/ur3_unity_sim

Research & Development Specialist

August 2019 - March 2020

Presien, Australia

- Developed and deployed software solutions for machine-learning based products, integrating software and hardware following the Agile Development frameworks
- Undertook root cause failure analysis, and implemented fixes for the above-mentioned products
- Performed Quality Assurance and Quality Control processes

Skills in order of proficiency

Programming Languages	C++, C, Embedded C, MATLAB , C#, Python, Shell/Bash script, HTML5, CSS
Software/Middleware	Robot Operating System (ROS), Unity3d , SolidWorks, AutoCAD, Git, Adobe Creative Cloud (Photoshop, Illustrator, Premiere, After Effects)
Hardware	Microcontrollers, robotic manipulators , single-board computers, RGB/RGBD cameras, 3D-printing
Languages	Fluent English and Vietnamese, conversational German

Education

Bachelor of Engineering (Honours), Mechatronics

University of Technology Sydney - Year 3 and 4

July 2018 – July 2020

- **Research paper**: D. T. Le, S. Sutjipto, Y. Lai, and G. Paul, "Intuitive Virtual Reality based Control of a Real-world Mobile Manipulator", 16th International Conference on Control, Automation, Robotics and Vision
- Nominated for the **Alan Chappel Award** for Engineering Innovation, Autumn 2020
- **First Class Honours** with GPA 6.47 / 7
- Member of UTS Robotics Society (RoboSoc)

Ho Chi Minh City University of Technology - Year 1 and 2

August 2016 – Jun 2018

- Good Merit Scholarship – *Office of International Study Programs (OISP)*, 2016 to 2018

Referees

Available upon request