






# RYAN VAN DYK


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 [North Narrabeen, NSW, 2101](#)

## EDUCATION

University Of Sydney  
Bachelor of Design Computing  
2019 - 2021

Manly Selective Campus  
2012 - 2018

## SKILLS

Working with and building teams  
3D Modelling, rigging, animation  
Information visualisation  
3D Look Development  
Project Management  
Frontend webdev  
User Research  
Programming  
Shaders  
UI/UX

## SOFTWARE

Adobe Suite | Ps Pr Ae Ai Id Xd  
Maya, Fusion, Blender, 3Ds Max  
Unity, Unreal Engine  
Figma, Figjam  
Office Suite  
Git

## PROFILE

Completed the Bachelor of Design Computing in 2021 at Sydney University. Developed skills in object oriented programming across a variety of languages - including JS, Java, and Python - Unity, Unreal Engine, UI, UX, front-end web dev, graphic design, film, photo, media creation and editing. I have a keen interest in VR, XR and ways to incorporate digital innovation into real-world experiences.

I have professional 3D generalist experience, have run a FIRST robotics team, am a lead mentor at TinkerTank, a STEAM makerspace for school age students. I have experience developing VR applications for Quest 2 and google cardboard.

I initially started building my skills in programming, and 3D digital development as a hobby in high school. Since then I have received a national FIRST Lego League innovation award and won the NSW award for the best Senior Student Project at the iAwards in 2019, hosted by the Australian Information Industry Association (AIIA). Both projects incorporated VR into learning, see them on my website.

Through University some of the projects and case studies I did included: UX, VR, Interaction Design, Human Centered Design, Animation, Webdev, Digital Media Production, OOP, Systems programming (in C), Models of Computation.

## EXPERIENCE

- 2022 - Current: XR tutor at USYD
- 2022 - Current: Freelance 3D generalist
- 2019 - Current: Robotics lead, coach and mentor at TinkerTank
- 2019 - Current: Robotics lead, coach and mentor at TinkerTank =
- 2016 - 2022: Basketball coach
- 2016: First Lego League Robotics coach
- 2015 - 2016: Basketball referee

## EXTRAS

Availability  
Full Time

### Certifications

- Bachelor of Design Computing, University of Sydney 2019-2021
- Level 1 basketball coach
- RSA
- RCG

### Hobbies and Interests

Basketball, VR, mountain biking, computing, virtual production, 3DCG, robotics, design, technology, animation, gaming, D&D.