

Edward Hinrichsen

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Profile

I am an innovative and creative computer science student with a passion for design and technology and a flair for problem solving. I have strong technical, interpersonal and communication skills and am aiming to pursue a career in software engineering, design & extended reality.

Education

- Current** Undertaking Bachelor of Science, The University of Melbourne
Major in computing and software systems – completion June 2021
- 2017** VCE, Wesley College – ATAR above 95

Academic Awards

- 2018** Academic Scholarship, The University of Melbourne
General Scholarship, Queen's College
- 2017** DUX, VCE Chemistry
Principal's Honour Roll for Academic Achievements
- 2016** DUX, VCE Biology
- 2015** Academic Award for Biology
- 2014** Outstanding Academic Achievement Award for Science

Leadership Roles

- 2017** Prefect & School Captain of First Boys Swim Team, Wesley College
- 2016** Mentored year 7 students to support their integration into school life

Sporting Achievements

- 2017** Competed at National Australian Swimming Championships & Australian Pool Lifesaving Championships
- 2014-2017** Competed at Victorian Open Swimming Championships & Victorian Age Swimming Championships

Employment

- Current** Swim Teacher, Melbourne Sports and Aquatic Centre (MSAC)
teaching infants, children, persons with disabilities and adults
- 2018** Swim Coach, Wesley College – coaching years 7 - 12

Technical Skills

- Languages** Proficient in JavaScript, HTML, CSS, C# (Unity), Python, C, Java;
Familiar with MySQL, Vala, Unix shell (Bash),
- Tools** Babylon.js, Unity, Blender, Rhino 3D & Grasshopper, Unreal Engine, Adobe

Interpersonal Skills & Capabilities

Communication

Adept at communicating to people across a range of ages and abilities, including:

- communicating instructions to my swim students, some of whom have autism spectrum disorder and other abilities
- presenting to audiences at school assemblies and university

Teamwork

Enjoy working as part of a team, including:

- completing group assignments at university
- teaching collaboratively at MSAC when instructing larger groups

Initiative

Able to take initiative to resolve challenges, such as:

- teaching myself new languages & tools, including Babylon.js, Vala and Blender
- developing a new linux-native WYSIWYG editor to provide a lightweight word processing tool

Creativity

Brings creativity and innovation to projects and problems, as evidenced by:

- winning design awards and being shortlisted in a statewide design competition
- being asked to join the MSAC marketing team on COVID-19 redeployment

Analytical

Demonstrates strong analytical, mathematical and research skills, as evidenced by:

- analysing academic papers on areas such as 3D graphics & architectural history
- preparing scientific reports on biology & genetics

Responsibility

Comfortable in positions of responsibility and leadership, including:

- ensuring the well-being and safety of my swim students
- organising assemblies and sporting events as a school prefect

Interests

Coding (since 10 years old), 3D graphics, XR, design, architecture

Patrolling member of South Melbourne Lifesaving Club

Swimming, gym, running, history, politics, economics

Referees

Provided on request