

# GEORGE LEGGET

## MECHANICAL DESIGN ENGINEER

### EDUCATION

**Bachelor of Mechanical Engineering, Honors**  
**University of Canterbury (NZ) (2016)**

Product design & analysis, mechanical system design, engineering management composite materials, aerodynamics & ground vehicle dynamics, thermodynamics & heat transfer, fluid mechanics, dynamics, electro-technology, feasibility studies & business plan development.

**Trinity College London (NZ) (2011)** – Grade 8 Speech & Drama, Public Speaking & Communication

**Duke of Edinburgh (NZ) (2011)** – Silver Award – Sport, Service, Music, Academia

**Singularity University (NZ) (2016)** – Christchurch NZ Summit Alumni – Exponential Technology

### WORK EXPERIENCE

**BECA (Australia) (Feb 2017 – Dec 2018)**

**Mechanical Engineer/Assistant Project Manager**

Design and project management of water, wastewater and industrial engineering projects. Detailed mechanical engineering design, communication with stakeholders and suppliers, business case writing, data analysis, technical and non-technical report writing and presentation skills.

**Rebel Racer Coffee Company (Australia) (July 2018 – Present)**

**Co-Founder**

Sustainable enterprise selling reusable coffee cups. Implemented web design, social media and online marketing campaigns, graphic design, supplier liaison, company administration and sales.

**Oracle Team USA (NZ) (Nov 2014 – Feb 2016 during University)**

**Undergraduate Mechanical Engineer**

Completed mechanical design tasks, responsible for the design, installation and project management of a purpose-built room to house a 5-axis CNC cutting machine for carbon-composite materials. Assisted with precision manufacturing of carbon-fiber composite parts and tooling for the 2017 Oracle Team USA America's Cup Class Yacht.

**Aspen Skiing Company (USA) (Dec 2016 – Feb 2017)**

**Ski Instructor**

Ski Pro in the adult team at Buttermilk Ski Area. Exceptional client service and communication skills demonstrated to ensure customers had the best possible experience.

**Fletcher Systems (NZ) (Feb 2016 – Nov 2016)**

**Researcher** – Honors research and development project – Design, Project Management and prototype manufacture of a carbon-fiber kinetic sculpture.

**Mike Horn PANGAEA Young Explorers Program (Brazil/Switzerland) (2012)**

**Volunteer** – A group of young leaders taking action for climate change and poverty through expeditions focused on environmental protection and awareness alongside youth education and development.

### PROFESSIONAL MEMBERSHIPS & AWARDS

**American Society of Mechanical Engineers & Engineers Australia** – Member

**First in Class** – Feasibility Study (Engineering Management)

**Concept Design Prize** – Fundamentals of Mechanical Engineering Design

**Best All-Rounder Award** – King's College Marsden House

### SKILLS

3D modelling – SolidWorks, AutoCAD, Rhino, ANSYS FEA software

Mechanical Engineering and Product Development R&D

Concept and Detailed Design & Analysis – drawing preparation and management

Design for Manufacture – GD&T, statistical tolerancing methods, composite materials

Engineering Management – Business Case, Project Plan Development, Risk Management

Project, Time, Scope & Budget management

Computational analysis – MATLAB & VBA

Sales & Marketing – supply chain management, supplier liaison, negotiation

Excellent teamwork & communication skills



### PROFILE

Mechanical engineer with 3 years professional experience. Enthusiastic innovator, excellent communicator and problem solver in collaborative team environments.

Passionate about electric vehicles and the future of transport. Confident, creative, curious and committed to continual learning and improvement.

Interested in Mechanical Engineering Design roles in the fields of mobility and product development.

Available in the San Francisco Bay Area now.

### CONTACT

**PHONE:**

+1 (424) 350-6520

**EMAIL:**

[g.legget.gt@gmail.com](mailto:g.legget.gt@gmail.com)

**LinkedIn:**

<https://www.linkedin.com/in/george-legget-80469858/>

**ADDRESS:**

494 Broadway  
San Francisco, CA 94133

### CITIZENSHIPS

US, NZ

### LANGUAGES

French, English

### HOBBIES

Electric Mobility

Community Engagement

Environmental Protection

Coffee – Qualified Barista

Skiing – Qualified Ski Instructor

Music