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Johann Tillman Sherwood

Personal Statement

As a full-time Mechanical Engineering student at the University of Glasgow with a history of wide-ranging voluntary and temporary work, I want to gain experience in engineering industry. I am a dedicated, motivated, and reliable problem-solver, determined to make a difference.

Education

Sept 2018 – May 2020 University of Glasgow
MEng Hons Mechanical Engineering

Relevant Modules Completed: Engineering Skills 2, Mechanical Design 2, Design and Manufacture 2, Materials 2, Mechanics of Structures 2, Thermodynamics 2, Power Electronics 2, Fluid Mechanics 2, Engineering Mathematics 2, Dynamics 2, Statics 1, Analogue Electronics 1

2008-2018 John F. Kennedy School, Berlin
American High School Diploma (Top 5% in Class)

Relevant Advanced Placement (AP) Courses: Calculus (5/5), Statistics (5/5), Physics 1 (4/5), Physics 2 (4/5), Physics C: Mechanics (5/5), Chemistry (4/5), English (5/5), German (5/5).

Work Experience

August 2019	Zenjob, Berlin Temporary jobs as a warehouse and inventory worker, e-scooter maintenance, promoter
March 2016	Dr. Recknagel Health Service, Berlin Created orthotics by moulding plaster, thermoforming PE and PETG plates, setting aluminum poles, sewing, assisting in carbon fiber resin infusion procedures

Volunteering Experience

March 2019 – Dec. 2019	Bike for Good – Glasgow, UK Repaired bikes, dismantled and recycled bike components, conducted face-to-face surveys with members of the public
August 2019	Refugee Home – Berlin Repaired shelves, cleaning work, delivered mail, played with children

Extracurricular Involvement

- **Coleader of R&D Team for the “Handprints e-NABLE Scotland” Chapter at the University of Glasgow**
 - Organizing meetings and delegating roles for the development of new designs
 - Creating design suggestions for the improvement of dexterity in the current 3D-printed "Unlimbited" prosthetic
- **Management and Oversight of Team Projects at the University of Glasgow**
 - Bicycle Project 2020
 - Engineers without Borders Challenge 2019
 - Engineering Disaster 2018
- **President of “National Honor Society” 2017/2018 Chapter of the John F. Kennedy School, Berlin**
 - Volunteered and raised 5000€ for community service organisations
 - Organised and delegated tasks for a school book drive with over a thousand donations for schools in Ghana and Togo
 - Organised a care-package drive for “Strassenkinder,” the underprivileged youth of Berlin
- **President of the student led “Enviro-Club” in 2018**
 - Coordinated my school’s first and second “Enviro-Month,” including student designed T-shirt sales, interactive activities, daily announcements, as well as hosting talks by guest speakers from environmental organisations (e.g. Greenpeace, BSR, Vattenfall)
 - Organised a “Paper Exhibit” and interactive workshop for a primary school year
 - “Earth Week” themed event with the primary school
- **High School Student Representative**
 - Student Council
 - Educational Directorate
 - School Conference

Abilities

- Confident in Excel, PowerPoint, Word
- Proficient in Python and CAD SolidWorks, MATLAB
- Basic knowledge of JavaScript, C++, Simulink
- English (native)
- German (fluent)

Additional Interests

- Music – Flute (10 years)
- Sports – Ultimate Frisbee