

Loic Scomparin

Address: 7957 Iglesia Dr, Dublin, CA 94568 Mobile: (925) 255-6753 Email: loic94568@gmail.com

Career Objective

- Help people and the environment by becoming a professional environmental engineer and working on bioremediation and water management projects.

Education

Dublin High School, Dublin, CA 2015-Present

Cumulative

GPA: 4.26

Colorado School of Mines, accepted, class of 2023

B.S. Environmental Engineering

Relevant Coursework

- Engineering Academy: Computer Science Principles (2018-19), Principles of Engineering (2016-17), Intro to Engineering Design (2015-16)
 - Math: AP Calculus BC (2018-19), AP Calculus AB (2017-18), Trigonometry/Precalculus (2016-17), Algebra 2 with Trigonometry (2016), Geometry (2015-16), Algebra (2014-15)
 - Science: Physics (2018-19), AP Environmental Science (2018-19), AP Biology (2017-18), Honors Chemistry (2016-17), Biology with Research (2015-16)
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Relevant Projects

Principles of Engineering, Renewable Insulation Project

February 2017

- Calculated rate of heat transfer, resistance to heat flow, and coefficient of heat conductivity.
- Constructed an insulation panel out of recycled and sustainable materials that met a certain R-value.

Introduction to Engineering Design, Toy Train Project

January 2016

- Designed orthographic drawings and three-dimensional parts of a toy train and tracks in AutoCAD.
- Assembled the train in AutoCAD and ran a simulation testing its ability to roll on the tracks.

Biology with Research, Aquaponics Project

October 2015- March 2016

- Designed a self-sufficient, household aquaponics system.
- Collected spectrophotometry data from over three months of plant growth.
- Presented the project in front of a panel of judges at the Alameda County Science Fair.

Principles of Engineering, Entrepreneurship Project

April-May 2017

- Led a team that designed a prototype of a machine capable of removing sediment from reservoirs.
 - Created a survey that collected and analyzed peer evaluations of the design.
 - Presented reasons why the project was important and worthy of funding.
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Leadership and Work Experience

City of Dublin Public Works Intern Dublin, CA

July-August 2018

- Assisted transportation and civil engineers with project plan revisions, field surveys, and cost estimates for major projects in Dublin's arterial streets.
- Communicated with engineers, urban planners, environmental coordinators, and contractors to implement project scheduling.
- Led a team of other interns from around the county for a final project presentation.

Dublin High School Engineering and Design Academy

August 2017- Present

- Developed essential workplace skills such as portfolio building, networking, and informational interviews.
- Collaborated with a professional Environmental Engineer and followed their work in groundwater extraction and CHC removal by bioremediation.
- Visualized several of their projects at the Lawrence Livermore National Laboratory.

Dublin High School Cross Country and Track and Field

September 2015-Present

- Taught younger athletes how to manage pacing and develop aerobics during workouts.
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Skills/Languages

AutoCAD HTML5 MS Excel MS Word MS Office French (fluent) Spanish (advanced)

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References

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Megan Sininger

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Chris Williams

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