

To: myers@boschgroup.com

Subject: Thank you – Bosch Mechanical Engineering Internship (Cal Poly SLO)

Dear Mr. Myers,

Thank you for speaking with me yesterday at the Cal Poly SLO Career Fair. Our conversation about hands-on prototyping and data-driven design resonated. As a fourth-year Mechanical Engineering major (Mechatronics, GPA 3.4) with CFD experience and leadership on build-test projects, I'm confident I can contribute to Bosch's mission of practical, human-centered innovation.

A few relevant highlights:

- Three-wheel vehicle project: Led a team of five to design, build, and test a three-wheel prototype; modeled frame and suspension in SolidWorks and MATLAB to inform component sizing and validation.
- CFD and analysis: As a Design Engineer Intern at Special Devices Incorporated, ran multiple CFD studies (CFD software/CFdesign) to evaluate intake/exhaust flow and EGTs; translated findings into design recommendations.
- CAD & fabrication support: Produced CAD drawings for mounting brackets used on experimental equipment flown on a DC-8 aircraft.

I have attached my resume and would welcome the chance to discuss how my hands-on design and analysis experience can support your team.

Best,

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