

Victor Yuan

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OBJECTIVE: To gain more experience working within an engineering team.

EDUCATION: **Southern Methodist University** Dallas, TX
Bobby B. Lyle School of Engineering Grad Date: May 2019
Minor in Mathematics

RELEVANT COURSES: Calculus I & II & III, Differential Equations, Circuit Analysis, Digital Computer logic.

Ongoing Courses: Linear Algebra, Signal Analysis, Microcontrollers and embedded Systems, Electronics I,
Electromagnetic Wave and fields.

SKILLS: Excel, Word, PowerPoint, Java, C++, UNIX, Google Docs, Mat lab.

ENGINEERING PROJECT:

Freshman Design Class Spring 2016

- Group of six students of various engineering branches was grouped together for a semester for the following projects.
- Introduction Project
 - Build a pressure triggered catapult scored on how accurate and how high it could launch a projectile.
- Main Project
 - Build a functioning Mars rover prototype
 - Sprint One – Design stage, draw up design documents, brainstorm ideas to accomplish given tasks, give presentation on division of labor between the Group
 - Sprint Two – meet the deliverables, a functioning motor system, program an obstacle detection sensor.
 - Sprint Three – meet the deliverables, a conductivity probe, and a wind speed sensor.
 - Sprint Four – meet the deliverables, functioning lift to raise the wind speed sensor, all previous deliverables
 - Finale Presentation – Present how our group contributed to the success and failures of our robot.