BALCHETAN GREWAL

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EDUCATION

Seattle University   June 2019
B.S. Electrical Engineering

Raisbeck Aviation High School

June 2015

WORK EXPERIENCE

Grewalz Construction INC | *Project Manager*   June 2019 - Present
- Facilitated construction projects of single-family custom homes, commercial restaurants, and hotels at all stages.
- Coordinated trades to ensure projects were completed in compliance with city and county coding regulations and met all client criteria.
- Communicated effectively with sub-contractors, municipal officials, and clients.
- Maintained multiple project schedules to ensure timely completion of all projects. Managed billing, legal paperwork, and sales materials.

Hargis Engineers | *Electrical Engineering Intern*   June 2018 - August 2018
- Coordinated with teams of engineers and plant operators to design electrical power distribution systems in new Washington schools.
- Worked extensively in AutoCAD and Revit to develop electrical plans.
- Reviewed contractor submittals and made regular site visits to ensure electrical contractors were working under Hargis standards.

RELEVANT PROJECTS

Senior Project | *Hydroelectric Control System Modernization*   Fall 2018 – Spring 2019
- Lead a team of four to redesign the controls system of a hydroelectric power plant in Holden Village, a Lutheran retreat center in the mountains of Lake Chelan.
- Integrated new control systems to maximize safety and efficiency, while ensuring compatibility with existing legacy equipment, to provide stable and consistent power to the village.

Global Engineering Economics | *Creating a Company Project*   Winter 2017
- Created a mock-company with goals to provide a community service while still remaining profitable.
- Evaluated company performance through various cash flow analyses.
- Calculated depreciation through Sum-Of-The-Years' Digits and Modified Accelerated Cash Recovery System methods.
- Applied Monte Carlo simulations to determine financial risks of various projects.

HONORS

Arrupe Scholarship   2015 - 2019
Merit based scholarship awarded to undergraduate students at Seattle University who demonstrated the ability to interact and work collaboratively with people from

SKILLS

Language Skills | Punjabi (fluent), Hindi (intermediate)
Programming Skills | Matlab, C, C++,
Software | Microsoft Suite, Excel, Google Docs Suite, AutoCAD, Revit, Matlab, Mathematica