

Butch Cougar

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Summary of Qualifications

- Strong understanding of structural design principles gained through coursework
- Developed adept leadership and interpersonal tact through 4 years of Army ROTC experience
- Maintained 3.35 GPA while balancing 15-20 hours of Army ROTC commitment

Education

Bachelor of Science in **Civil Engineering**; GPA 3.35

Expected DEC 2019

Washington State University, Pullman, WA

Related coursework: Reinforced Concrete Design, Structural Steel Design, Math through Differential Equations

Skills & Abilities

- Proficient in **AutoCAD**, Civil 3D, **Revit**, ArcGIS, Microsoft Excel, Word and PowerPoint
- Experience with total station or EDM
- Planned and managed practicum lab events involving over 70 people

Experience

Surveying TA, Washington State University

AUG to NOV 2017

- Graded work from 30 students on a weekly basis
- Guided 30 students through labs involving surveying with a total station
- Coordinated surveying supply-room, ordered new equipment when needed

Projects

Design of Ski Cabin, Washington State University

Spring 2018

- Used **Revit** to design a 2-story building in a 3-dimensional model
- Developed understanding of load path through members
- Calculated dead, live, wind and snow loads for building

Design of a Cabin, Washington State University

Spring 2017

- Used **AutoCAD** to design a house cabin in a 2-dimensional model
- Created four different elevations with the center of the design inside the house

Design of a Bridge, Washington State University

Fall 2017

- Used **AutoCAD** to design a cable stayed bridge in a 2-dimensional model
- Created multiple plan drawings that were used to construct bridge
- Worked in a team of 3 to plan and develop

Leadership

Cadet M4, ROTC, Washington State University

2015 - Present

- Motivated a Squad of 10 Cadets to complete mentally and physically demanding events
- Delegated tasks to effectively complete an assigned mission
- Planned training events 6 weeks in advance involving over 70 personnel

Voiland College Internships & Career Services ~ACTION VERBS
Adapted, enlarged list inspired by Employment Development Department of Palo Alto, CA

Management skills	Communication skills	Clerical or detailed skills
administered analyzed assigned attained chaired contracted consolidated coordinated delegated developed directed evaluated executed improved increased organized oversaw planned prioritized produced recommended reviewed scheduled strengthened supervised	addressed arbitrated arranged authored corresponded developed directed drafted edited enlisted formulated influenced interpreted lectured mediated moderated motivated negotiated persuaded promoted publicized reconciled recruited spoke translated wrote	approved arranged catalogued classified collected compiled dispatched executed generated implemented inspected monitored operated organized prepared organized prepared processed purchased recorded retrieved screened specified systematized tabulated validated
Research skills	Technical skills	Teaching skills
clarified collected critiqued diagnosed evaluated examined extracted identified inspected interpreted interviewed investigated organized reviewed summarized surveyed systematized	assembled built calculated computed designed devised engineered fabricated maintained operated overhauled programmed remodeled repair solved trained upgraded	adapted advised clarified coached communicated coordinated developed enabled encouraged evaluated explained facilitated guided informed initiated instructed persuaded set goals stimulated
Financial skills	Creative skills	Helping skills
administered allocated analyzed appraised audited balanced budgeted calculated computed developed forecasted managed marketed planned projected researched	acted conceptualized created designed developed directed established fashioned founded illustrated instituted integrated introduced invented originated performed planned revitalized shaped	assessed assisted clarified coached counseled demonstrated diagnosed educated expedited facilitated familiarized guided referred rehabilitated represented