

# C. Vill Design

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<https://www.linkedin.com/in/CVillDesign/>

## EDUCATION

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**Loyola Marymount University** **Los Angeles, CA**  
*Bachelor of Science Candidate, Civil Engineering and Applied Mathematics* May 2024  
GPA 3.95

Relevant Coursework: Algorithms and Applications; Methods of Applied Math; Graphic Representation; Mechanics of Materials; Probability and Statistics; Programming in C; Differential Geometry

## ACADEMIC PROJECTS

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**Loyola Marymount University** **Los Angeles, CA**  
*Engineering 'De Colores' Project in Tijuana* Spring 2019

- Part of assessment team that designed retaining walls and drainage systems for new community center sport court within a high-risk neighborhood
- Collaborated with 4 local partners to coordinate the design and construction efforts
- Partnered with local businesses to ensure community standards were met and exceeded

**The Bay Foundation** **Beverly Hills, CA**  
*Mapping of the LAX El Segundo Dunes* Spring 2019

- Designed and implemented topographic survey to map the endangered Blue Butterfly habitat
- Used Total Stations and GPS equipment and GIS software to generate maps and reports
- Prepared development guidelines proposal to city council for future land use

## TECHNICAL EXPERIENCE

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**Loyola Marymount University** **Los Angeles, CA**  
*Teaching Assistant: Introduction to Engineering Analysis, Problem Solving and Design* Spring 2018

- Produced accurate and up to date records and reports as required
- Offered individual feedback on graded assignments and exams as requested by students
- Provided general support and one to one assistance for students finding their course load challenging

## ADDITIONAL LMU EXPERIENCE

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Front Desk Manager, Housing Office	2018 – 2019
Peer Mentor for Incoming Transfer Students	2018
Orientation Leader	2018

## VOLUNTEER EXPERIENCE

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Heal the Bay, Beach Clean-Up	El Espejo Mentoring Program in Lexon High School
Homeboy Industries	Escuelita 21 Mentoring program in Uruguay
The Midnight Mission	After School Program Dolores Mission

## SKILLS & TECHNOLOGY

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C and MATLAB	AutoCAD*
CIVIL3D*	ArcGIS*
Microsoft Office (Word, PowerPoint, Outlook)	Mac OSX
Windows	