

# Daniel Kim

Garden Grove, CA

714-788-3638

[Takeshu.977@gmail.com](mailto:Takeshu.977@gmail.com)

[linkedin.com/in/ddmkim](https://www.linkedin.com/in/ddmkim)

## EDUCATION

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**California State Polytechnic University, Pomona**  
**Bachelor of Science (B.S.) in Civil Engineering**  
**GPA: 3.42**

Pomona, CA  
Expected: May 2025

## WORK EXPERIENCE

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**Willdan, City of Industry, CA**  
**Technical Aide**

June 2024-Present

- Assisted senior engineers with conceptual designs for intersection improvements
- Collected and inputted field data onto AutoCAD under the direction of senior engineers

## COURSE PROJECTS

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**Design and Development of the Fairplex Nature Park, Senior Project** January 2024-Present

- Designed a floor plan view of the community center building using AutoCAD software
- Rendered a detailed 3D model of the community center building with SketchUp software
- Collaborated with eight teammates to develop ideas, strategies, and implementations on the proposed park and residential sites
- Analyzed the needed permits for the project and calculated the costs

**Topographic Survey Project, Surveying Engineering**

May 2023

- Designed a topographic map of the campus meadow using AutoCAD Civil 3D software
- Surveyed a topographic map of the area using a robotic total station
- Collaborated with four teammates to measure horizontal angles, horizontal distances, and height differences
- Inputted data such as backsight point number and prism height onto the field book

**Cost Estimate Project, Infrastructure Economics and Public Policy**

October 2022

- Developed quantity take-offs and cost estimates for the two alternative home-building proposals
- Collaborated with four teammates to decide between two options for constructing a home
- Led organizing and planning group's schedule for over 3 weeks
- Reviewed costs and labor of the project

## SKILLS

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Software Programs: AutoCAD, Civil3D, Microstation, MATLAB, Microsoft Office, Visual Studios, Synchro 11, OpenRoads, Bluebeam Revu

Foreign Languages: Conversational Korean