

Nylah Campos

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SUMMARY

Dedicated Civil Engineer in Training, possessing a Bachelor's Degree in Civil Engineering and comprehensive experience in various engineering aspects. Leveraged skills in Civil 3D CAD software to successfully engage in residential and municipal projects. Familiar with preparing technical specifications, estimating materials costs, and analyzing vendor compliance. Proactive in conducting field tests and measurements supporting project development while fostering collaboration among teams. Committed to delivering timely, quality results enhancing project value, aligning solutions with client objectives. Eager to contribute to innovative designs refining community projects with attention to sustainability.

EDUCATION

Bachelor's Degree in Civil Engineering

2026

University of Arizona GPA: 3.5

Tucson, AZ

Coursework: Structural Analysis, Fluid Mechanics, Soil Mechanics, Environmental Engineering

TECHNICAL SKILLS

- **CAD Software:** Civil 3D, AutoCAD, Bluebeam
- **Project Management Tools:** Microsoft Project, Trello, Asana
- **Testing Methodologies:** Field Testing, Laboratory Evaluation, Compliance Checks
- **Reporting Standards:** Technical Writing, Report Structuring, Specification Documentation
- **Engineering Frameworks:** Structural Design Guidelines, Environmental Regulations, Safety Protocols
- **Team Communication:** Email, Slack, Video Conferencing
- **Research Tools:** Statistical Analysis Software, Data Collection Apps, Visualization Tools
- **Budgeting Techniques:** Cost Forecasting, Resource Allocation Models, Financial Analysis
- **Presentation Tools:** PowerPoint, Google Slides, Prezi
- **Software Development:** Python, MATLAB, Microsoft Excel

SKILLS

- Civil 3D CAD Software
- Data Analysis
- Cost Estimation
- Site Assessment
- Project Management
- Problem-Solving
- Stakeholder Engagement
- Vendor Evaluation
- Technical Reporting
- Collaboration
- Design Drafting
- Environmental Compliance
- Field Testing
- Specification Writing
- Material Quantification

EXPERIENCE

Civil Engineering Intern

May 2025 - Present

University Project

Tucson, AZ

Engaged as a Civil Engineering Intern overseeing multidisciplinary tasks across design and project management. Supported the development of a community park project ensuring satisfactory designs aligned with project goals. Collaborated effectively in team settings demonstrating adaptability essential for diverse roles and responsibilities.

- Assisted in creating technical specifications ensuring all engineering standards met during project lifecycle.
- Conducted field tests and gathered measurements crucial for generating precise project specifications.
- Reviewed detailed design drawings providing constructive feedback enhancing project feasibility.
- Collaborated with teams using Civil 3D CAD software for developing thorough project plans and material estimates.
- Participated in stakeholder meetings keeping clients informed regarding project advancements and eliciting valuable feedback.
- Supported proposal managers preparing robust materials, reflecting core project strengths and objectives.

Project Lead

January 2025 - May 2025

Capstone Project

Tucson, AZ

Led a collaborative effort designing a sustainable drainage system targeting urban efficiency blending environmental consciousness with practical applications. Enhanced communication among peers establishing timelines and predefined milestones contributing to successful project execution.

- Directed project logistics encompassing budget preparation resource allocation maximizing overall success.
- Utilized Civil 3D CAD software modeling drainage systems, testing outcomes against real-world simulations.
- Prepared in-depth reports presenting findings articulately at sessions fueling academic collaborations.
- Fostered relationships with local government partners aligning project goals with shared community values.

- Incorporated thorough evaluations assessing prototypes provided insights refining design processes.
- Spearheaded alternative approaches addressing drainage challenges ensured optimal functionality without ecological compromise.

Research Assistant

September 2024 - December 2024

Academic Research

Tucson, AZ

Contributed meaningfully to innovative studies focused on sustainable materials advancing civil engineering practices. Worked alongside esteemed faculty enhancing departmental visibility through research presentations and publications fostering an engaging learning environment.

- Collaborated on data collection and experiment analysis providing essential support aiding significant revenue streams for grants.
- Presented research results effectively bolstering department prestige through conference participation.
- Compiled educational content enriching undergraduate courses driving student engagement and interest.
- Cultivated peer interactions promoting teamwork enabling successful collaboration on complex research endeavors.
- Initiated grant proposals aiming at securing funding fostering ongoing educational pursuits benefiting future students.
- Generated supportive documents articulating research methodologies ensuring compliance with internal standards and protocols.

LEADERSHIP & AWARDS

- Dean's List, University of Arizona, 2024-2026
- First Place, Engineering Design Challenge, 2025

CERTIFICATIONS

- Engineer-in-Training (EIT) 📅 2026
- Safety Management Certification 📅 2024

PROFESSIONAL AFFILIATIONS

- Member, American Society of Civil Engineers (ASCE)
- Volunteer, Habitat for Humanity, Tucson Chapter

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST