

Remington Lam

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SUMMARY

Dedicated Civil Engineer with over 4 years of experience in pavement assessment, design, and management. Proven expertise includes developing scopes of work and repair budgets for commercial and industrial pavements. Proficient in utilizing Microsoft Office Suite and Google Workspace to generate detailed analysis reports. Committed to delivering high-quality results in fast-paced environments while adhering to tight deadlines and maintaining exceptional attention to detail.

EXPERIENCE

Pavement Engineer

June 2023 - Present

Pavement Solutions

Atlanta, GA

Oversaw pavement assessment projects at various commercial properties, driving improvements in asset management practices and strategic solutions.

- Conduct assessments on pavement condition and maintenance needs, enhancing overall asset management strategies.
- Collaborate with teams to create detailed scopes of work for repair projects, ensuring project clarity and execution.
- Develop accurate repair budgets that align with client financial expectations and project scope, contributing to successful project outcomes.
- Implement Pavement Condition Index ratings, giving clients insights into maintenance requirements and pavement health.
- Produce comprehensive reports that analyze pavement conditions and recommend strategic solutions, increasing client satisfaction.
- Utilize advanced software tools for project timelines and deliverables management, improving overall efficiency.

Junior Pavement Engineer

January 2021 - May 2023

Urban Development Group

Phoenix, AZ

Supported oversight of pavement condition evaluations across various commercial sites, guiding the development of actionable maintenance plans.

- Assisted in evaluating pavement conditions, contributing to robust maintenance plans aimed at keeping properties functional.
- Supported creation of scopes of work for multiple pavement projects, ensuring compliance with all industry standards.
- Engaged in budget preparation for repair projects, optimizing resource allocation and practical project planning.
- Participated in client meetings where findings were presented, enhancing transparency and communication.
- Contributed to maintenance method analyses, promoting continuous improvement within team initiatives.
- Collaborated closely with senior engineers to refine evaluation procedures, boosting the quality of project outcomes.

LEADERSHIP & AWARDS

- Dean's List, University of Colorado Boulder, 2024
- First Place, University Engineering Competition, 2025

EDUCATION

Bachelor's Degree in Civil Engineering

2026

University of Colorado Boulder GPA: 3.5

Boulder, CO

Coursework: Structural Design, Pavement Systems, Material Science, Geotechnical Engineering

CERTIFICATIONS

- Engineer-in-Training (EIT) 📅 2026
- Fundamentals of Engineering Exam 📅 2026

TECHNICAL SKILLS

- **Project Management Tools:** Trello, Asana, JIRA
- **Design Software:** AutoCAD, Revit, Civil 3D
- **Data Analysis Tools:** Excel, Google Sheets, MATLAB
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Document Management:** SharePoint, Google Drive, Dropbox
- **Reporting Tools:** Tableau, Power BI, ArcGIS
- **Budgeting Software:** QuickBooks, Microsoft Project, PlanSwift
- **Engineering Standards:** ASTM, AASHTO, ADA
- **Surveying Equipment:** Total Station, GPS, Leveling Instrument

- **Field Testing Methods:** Core Sampling, Manhole Inspection, Rehabilitation Techniques

SKILLS

- Pavement Condition Index
- Asset Management
- Microsoft Office Suite
- Google Workspace
- Project Management
- Civil Engineering Design
- Construction Specifications
- Pavement Maintenance
- Design Methodologies
- Budget Preparation
- Report Generation
- Client Engagement
- Cross-Functional Collaboration
- Data Analysis
- Technical Communication
- Evaluation Procedures

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Society of Women Engineers

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST