

# Zayden Kim

## Water Resources Engineering Intern

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### STRENGTHS

- 🗣️ **Communication Skills**  
Articulated complex concepts clearly during presentations, elevating peer understanding of engineering principles.
- 👥 **Team Collaboration**  
Partnered with peers on various projects, balancing diverse perspectives to achieve shared goals effectively.
- 💻 **Technical Proficiency**  
Expertly utilized tools like ArcGIS and AutoCAD, enhancing project efficacy through informed design choices.
- 💡 **Problem-Solving**  
Approached challenges creatively, fostering innovative ideas for sustainable environmental solutions.
- 🔄 **Adaptability**  
Flourished in fast-paced settings, quickly applying knowledge acquired to shifting project demands and environments.

### SKILLS

- ArcGIS AutoCAD Excel
- Technical Writing
- Project Management
- Data Analysis Field Work
- Public Speaking Research Skills
- Sustainability Practices Hydrology
- Environmental Assessment
- Collaboration Agile Methodologies
- Mobile Application Development
- Community Engagement

### SUMMARY

Current undergraduate student specializing in Water Resources Engineering. Gaining hands-on experience through academic projects and research enhances practical skills. Demonstrates ability to communicate effectively with both technical and non-technical audiences, focusing on collaboration and ethical decision-making. Actively pursuing opportunities to contribute to innovative environmental engineering projects. Proven proficiency in utilizing software tools, completing design calculations, and analyzing data, laying a solid foundation for a career in civil engineering. Engaging with team members fosters strong partnerships while adhering to safety protocols and company policies.

### EDUCATION

#### Bachelor of Science in Water Resources Engineering

Georgia Institute of Technology 🎓 GPA: 3.8 📅 2028 📍 Atlanta, GA

**Coursework:** Hydrology, Environmental Engineering, Soil Mechanics, Water Treatment

### TECHNICAL SKILLS

- **Software Tools:** ArcGIS, AutoCAD, Excel
- **Research Methodologies:** Field Sampling, Data Analysis, Technical Reporting
- **Project Management Tools:** Agile Methods, Timelines, Deliverables
- **Communication Platforms:** Presentations, Reports, Team Meetings
- **Mobile Development:** App Design, User Testing, Interface Layouts
- **Water Management Technologies:** Stormwater Systems, Hydrology Data, Quality Assessments
- **Engineering Designs:** Preliminary Calculations, Compliance Standards, Sustainable Practices
- **Data Visualization Tools:** Charts, Graphs, Reports
- **Problem Solving Approaches:** Conception, Development, Iterative Feedback
- **Ethical Standards:** Safety Protocols, Responsible Resource Use, Company Policies

### EXPERIENCE

#### Water Resources Research Assistant

University Project 📅 January 2026 - Present 📍 Atlanta, GA

Supported water resources engineering tasks involving data analysis, project documentation, and field studies. Worked closely with faculty and peers to execute hydrological assessments and develop recommendations.

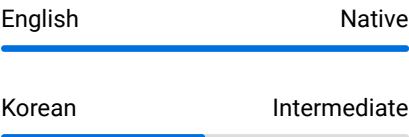
- Collaborated with a team to analyze hydrological data using ArcGIS and Excel for visual insights.
- Assisted in designing experiments that evaluated local water quality parameters, contributing valuable research outcomes.
- Authored technical reports highlighting findings and suggestions for better water management practices.
- Participated in fieldwork activities focused on sample collection while ensuring compliance with safety guidelines.
- Engaged in formal presentations, enhancing public speaking skills by communicating project results effectively.
- Maintained organized project documentation, critical for structured project management.

#### Water Resources Engineering Developer

Capstone Project 📅 September 2025 - December 2025 📍 Atlanta, GA

Led a student team focusing on sustainable stormwater management solutions benefiting local communities. Oversaw research initiatives and ensured high-quality deliverables involving design calculations and stakeholder communications.

LANGUAGES



MY CAREER



- Water Resources Research Assistant at University Project (7 Months)
- Water Resources Engineering Developer at Capstone Project (3 Months)

- Directed the design process for a sustainable stormwater management system, emphasizing minimal environmental impact.
- Conducted thorough research on contemporary civil engineering techniques and water resource management.
- Employed AutoCAD for preliminary design calculations, establishing compliance with applicable engineering standards.
- Effectively presented final proposals to stakeholders, welcomed for clarity and insightful content.
- Juggled project timelines and responsibilities, showcasing advanced organizational capabilities throughout the initiative.
- Documented every project stage, compiling a comprehensive portfolio that illustrated the team's efforts.

Water Conservation App Developer

Hackathon Project 📅 March 2026 📍 Remote

Produced a mobile app designed to promote water conservation through community engagement. Collaborated with an interdisciplinary team to brainstorm features and enhance diversity of thought in innovation.

- Developed a mobile application dedicated to fostering water-saving habits among users.
- Cooperated with team members to ideate, design user interfaces, and program application efficiencies.
- Executed user testing sessions to gain feedback, leading to iterative improvements on essential features.
- Showcased a working product during a regional hackathon, earning accolades for creative solutions aligned with water management.
- Utilized agile methodologies to ensure milestones were achieved within project deadlines.
- Sought guidance from mentors, refining software development practices and fostering lasting relationships.

LEADERSHIP & AWARDS

- Dean's List, Georgia Institute of Technology, 2025
- First Place, University Hackathon, 2026

CERTIFICATIONS

- Introduction to Water Resources Management 📅 2026
- ArcGIS for Beginners 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Water Resources Club, Georgia Institute of Technology, 2025 - Present
- Volunteer, Local River Cleanup Initiative, 2026

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST