



# Atlas Petersen

## Software Engineer Intern

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### SUMMARY

Aspiring software engineer with practical experience in modernizing web applications. Skilled in collaborating with diverse teams to enhance user experiences and improve operational workflows. Previous roles demonstrate strong problem-solving abilities and adaptability while working on complex codebases. Eager to contribute to a high-performance trading environment, gaining insights and developing practical solutions that align with both technical standards and end-user needs. Looking forward to driving positive change through innovative projects and building lasting relationships within the organization.

### EDUCATION

#### Bachelor's Degree in Computer Science

University of Illinois 🎓 GPA: 3.75 📅 2023 📍 Champaign, IL

**Coursework:** Data Structures, Web Development, Software Engineering Principles, Database Management

### TECHNICAL SKILLS

- **Web Development Tools:** HTML, CSS, JavaScript
- **Project Management Tools:** Trello, Asana, JIRA
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Version Control:** Git, GitHub, Bitbucket
- **Infrastructure:** AWS, Azure, Linux
- **Database Technologies:** MySQL, MongoDB, PostgreSQL
- **APIs:** REST, SOAP, GraphQL
- **Testing Frameworks:** JUnit, Selenium, Mocha
- **Frontend Frameworks:** React, Angular, Vue.js
- **Backend Frameworks:** Node.js, Express, Django

### EXPERIENCE

#### Software Engineer

Tech Innovations Inc. 📅 January 2025 - Present 📍 Bloomington, IL

Focused on developing and enhancing internal applications that optimize user experience. Drove successful project initiatives aimed at upgrading legacy systems for improved performance and efficiency.

- Collaborated with product teams to develop crucial internal applications, significantly augmenting user satisfaction.
- Led efforts to refactor existing systems and cut operational downtime effectively.
- Streamlined workflow processes by actively implementing Agile methodologies, which notably boosted team productivity.
- Developed comprehensive documentation that guided developers and users alike, fostering accessibility.

#### Junior Software Developer

Smart Solutions LLC 📅 June 2023 - December 2024 📍 Champaign, IL

Contributed to the development of web-based tools aimed at supporting daily operations and enhancing team productivity. Worked collaboratively to ensure features aligned with user needs.

- Assisted in crafting web tools that directly bolstered the team's workflow.
- Provided user documentation and training sessions for new features, intensifying user engagement.
- Engaged in regular code reviews, promoting knowledge sharing across the development team.
- Fostered an open exchange of ideas, encouraging input from non-technical stakeholders.

### STRENGTHS

- 👥 **Team Collaboration**  
Empowered colleagues by facilitating smooth interactions across departments, fostering an open environment where feedback was encouraged. I became a trusted resource for tackling challenging problems.
- 💡 **Problem Solving**  
Consistently resolved technical challenges using analytical skills, streamlining workflows and ensuring timely project deliverables. Engagement led peers to often seek out my insights.
- 👍 **User-Centric Design**  
Advocated for user perspectives in decision-making, enhancing product usability. This focus saw more stakeholders express appreciation for adaptable and intuitive designs.
- 📄 **Technical Documentation**  
Crafted detailed documentation that proved essential for new users and observers. Such clarity neutralized confusion and facilitated onboarding processes.
- 🔄 **Adaptability**  
Quickly adapted to evolving technologies, ensuring optimal performance within diverse project frameworks. Feedback from mentors noted my willingness to learn on the fly.

### SKILLS

Web Development

Agile Methodologies

[Cross-functional Collaboration](#)

[Documentation Writing](#)

[User Experience Design](#)

[Stakeholder Communication](#)

[Problem Solving](#)

[Production Support](#) [HTML/CSS](#)

[Debugging](#) [API Integration](#)

[Software Testing](#)

[Version Control Systems](#)

[Database Management](#)

[Application Performance Monitoring](#)

[Front-end Development](#)

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Software Engineer at Tech Innovations Inc. (1.4 Years)

● Junior Software Developer at Smart Solutions LLC (1.5 Years)

## PROJECTS

### Web Portal Modernization Project 📅 August 2026

Spearheaded a modernization initiative targeting a production web portal extensively used by operations staff. Ensured user-centric design, focusing on usability improvements while minimizing disruptions during integrations.

## LEADERSHIP & AWARDS

- Dean's List, University of Illinois, Fall 2021 & Spring 2022
- Undergraduate Research Assistantship Grant, Summer 2022

## CERTIFICATIONS

- Certified Scrum Master (CSM) 📅 2024
- JavaScript Fundamentals 📅 2025

## PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery (ACM)
- Volunteer Tutor, Code.org

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST