

# Stefan Higgins

(301) 555-1234 stefan.higgins@example.com

linkedin.com/in/stefan-higgins 1234 Main St, Bethesda, MD 20814



## SUMMARY

Enthusiastic computer science graduate with hands-on experience in Java application development and cloud technologies. Collaborated effectively within cross-functional teams, delivering high-quality software solutions. Developed and maintained Java applications for research projects, optimizing functionality. Troubleshoot issues and documented code clearly, facilitating knowledge transfer. Continuously updated coding practices to reflect industry standards. Possesses a strong understanding of front-end technologies along with solid problem-solving capabilities. Eager to grow professionally while contributing positively to dynamic projects that have real impact.

## EDUCATION

### Bachelor's Degree in Computer Science

2026

University of Maryland GPA: 3.8

College Park, MD

*Coursework: Software Development, Data Structures, Web Technologies, Database Management*

## TECHNICAL SKILLS

- Programming Languages:** Java, SQL, JavaScript
- Frameworks:** Spring, Hibernate
- Database Technologies:** MySQL, AWS RDS
- Version Control Systems:** Git, GitHub
- Cloud Platforms:** AWS, Azure
- Web Technologies:** HTML, CSS, Bootstrap
- Development Methodologies:** Agile, Scrum
- Testing Tools:** JUnit, Selenium
- Deployment Tools:** Docker, Jenkins
- Project Management Tools:** Trello, Asana, JIRA

## SKILLS

- Java
- Git
- AWS
- Version Control
- Spring
- HTML
- Problem Solving
- Application Development
- Hibernate
- CSS
- Team Collaboration
- Software Testing
- MySQL
- JavaScript
- Cloud Technologies
- Debugging

## EXPERIENCE

### Java Developer Intern

June 2025 - May 2026

Academic Research Lab

College Park, MD

Supported university-sponsored projects by developing Java applications, enhancing user experiences. Worked closely with diverse teams, implementing algorithms that boosted data processing efficiency. Successfully reduced application errors through active troubleshooting methods. Maintained clear documentation of processes and developed a streamlined approach for team collaboration. Employed Git for version control, ensuring integrity across project contributions. Participated in code reviews, integrating feedback for skill improvements.

- Developed Java applications for research projects, significantly boosting functionality.
- Collaborated in diverse teams, designing solutions for data processing challenges.
- Conducted troubleshooting sessions, leading to noticeable error reductions.
- Documented code practices, enhancing overall team communication.
- Utilized Git for version management, ensuring collaborative integrity.
- Contributed to regular code reviews, improving coding standards through feedback.

### Software Engineering Intern

September 2024 - May 2025

Student Innovation Lab

Rockville, MD

Engaged in the development of a web-based application using Java and Spring, prominently reducing project timelines. Played an essential role in teamwork activities, ensuring focused discussions on user-centered design developments. Managed database tasks deftly through MySQL, assuring efficient storage and retrieval operations. Supported the cloud deployment process via AWS, looking forward to seamless application

rollouts. Contributed research knowledge, pitching refinements in project documentation standards to improve quality and compliance.

- Assisted in developing impactful web applications using Java and Spring frameworks.
- Participated in meetings to shape user-focused project designs.
- Managed aspects of database integration, improving data functionality.
- Facilitated cloud application deployments to streamline launch processes.
- Researched best practices to enhance coding and documentation efforts.
- Delivered presentations to share project outcomes, fostering team cohesion.

## LEADERSHIP & AWARDS

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- Dean's List, University of Maryland (2024, 2025)
- First Place, University Hackathon (2025)

## CERTIFICATIONS

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- AWS Certified Cloud Practitioner 📅 2026
- Java SE 11 Developer Certification 📅 2026

## PROFESSIONAL AFFILIATIONS

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- Member, Computer Science Club (2024 – Present)
- Volunteer, Coding Bootcamp for High School Students (2025)

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST