

Software Engineer
Worcester Polytechnic Institute

Direct Link: <https://www.AcademicKeys.com/r?job=134316>

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Posted Dec. 3, 2019, set to expire Mar. 31, 2020

Job Title	Software Engineer
Department	
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Dec. 3, 2019
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Other Administrative Categories Professional Staff
Academic Field(s)	Information Technology
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Job Description	

JOB TITLE

Software Engineer

LOCATION

Worcester

DEPARTMENT NAME

Computer Science I

DIVISION NAME

Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

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An Entry-level Software Engineer on the team building the next generation of ASSISTments: a free, web-based intelligent tutoring system and research platform. Used daily by thousands of students, ASSISTments improves education through scientific research.

As a member of the core development team, the Software Engineer works closely with two other full-time engineers and an extended team of undergraduate and graduate students. The Software Engineer specifies, designs, and builds software modules that support currently funded and proposed research, producing reusable components and services that extend ASSISTments' features.

JOB DESCRIPTION

Responsibilities:

- * Produces well-designed, testable, efficient, well-documented code
- * Produces design specifications
- * Troubleshoots, debugs and upgrades existing software
- * Verifies and deploys programs and systems
- * Provides end-user assistance as needed
- * Provides backup support for critical software services
- * Contributes to the smooth operation of the ASSISTments lab
- * Other duties as assigned

Requirements:

- * A keen eye for detail, excellent problem-solving and troubleshooting skills
- * At ease working in an environment with multiple competing priorities
- * Capable of delivering results with little supervision
- * A thorough understanding of object-oriented design and Java
- * Experience with HTML, CSS, and JavaScript
- * Experience designing interactive applications
- * Proficiency in software engineering tools

Desired Experience:

- * Experience with Spring
- * Developing and debugging web applications using AJAX, Vue.js, Bootstrap, GWT, JSON, JQuery, and JSP
- * Experience with REST APIs

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- * Experience using Eclipse
- * Experience using Tomcat
- * Experience with relational databases
- * Experience creating User Interface mockups

FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. We are seeking individuals with diverse backgrounds and experiences who will contribute to a culture of creativity and collaboration, inclusion, problem solving and change making.

To apply, visit: [\[url=https://apptrkr.com/1727387\]](https://apptrkr.com/1727387)https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/ASSISTments-Programmer_R0000177

About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact

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