

# Software Engineer in Test

As part of the engineering department you will help shape the development and delivery of a product which is an essential tool for companies worldwide. You will help improve the quality of the SessionCam product and actively work to decrease test time through automation.

## What You'll Do

- Become a valued member of an autonomous, cross functional team
- Help to write and refine stories and plan sprints
- Implement solutions to problems using the right, not proscribed, tool
- Use and produce tooling to decrease testing time
- Write unit tests in conjunction with software engineers, and ensure coverage is maintained
- Contribute to the documentation of the areas your team work
- Find ways to develop your skills and the skills of those around you
- Have fun sharing knowledge, and learning from others

## How You'll Do It

You will work within your team, where you will have the agency and autonomy to approach challenges and solutions as you see best. Teams are largely autonomous, operate within standard Scrum guidelines and have ownership of the components they create.

- You'll be able to effectively communicate your ideas to the team, and be willing to listen to different views.
- You'll be proactive in finding better ways to do what we do
- Gain an in-depth understanding of our product and it's infrastructure
- You'll be an advocate for best practice
- You'll be happy to be wrong, and learn from mistakes

## Technical Skills We Value

We have some technologies we use a lot, some a little and some not at all. We're open to new ideas, innovation and better ways of doing things while maintaining and developing our existing solutions. The team you'll be joining uses C#, JavaScript, Go and Scala and values an ability to learn and a passion for technology over a need for "X years experience". There are some basic requirements, however:

- You should be comfortable with coding in one or more languages
- You should take pride in writing clean, efficient, maintainable, testable code
- Good knowledge of working within AWS
- Good understanding of CI and CD pipelines and their implementation
- Practical knowledge of secure design principles including the OWASP top 10
- Knowledge of modern patterns, architectures, processes and best practices
- Primarily you should have an "automate everything" (Testing, Deployments, etc) attitude

## To be a Senior Test Engineer we expect

- Select or create tools and infrastructure which improve the quality of our product
- Understanding the task at hand and how it fits into the wider SessionCam solution
- Understand the technical and cost implications of choosing different technologies

- Be able to identify and mitigate risks associated with different technologies
- Taking ownership of problems as they arise
- Ability to design, create and maintain CI, CD pipelines to aid with test automation
- Take an active involvement in increasing the productivity of other developers
- Be confident in giving presentations to the wider team or any of the Guilds
- Read around specifications and documentation to provide a robust set of tests

Skill	1	2	3	4	5
<b>Development Language(s)</b>					
.Net (Object Oriented Programming: including Node, .NET, SOLID)					
Functional Programming: Lambda expressions, Scala, functional Javascript					
Scripting Languages: such as JavaScript, Python, Shell, Powershell					
SQL					
<b>Front-end</b>					
HTML/CSS					
UX					
<b>Testing</b>					
Manual Testing					
Test Automation					
<b>Architecture</b>					
Design Patterns					
Cloud Services					
<b>Communication</b>					
Mentoring					
Presenting					
Documentation					
<b>Product</b>					
Product Knowledge					
Competitor knowledge					

Security					
OWASP	Light Green	Light Green	Green	White	White