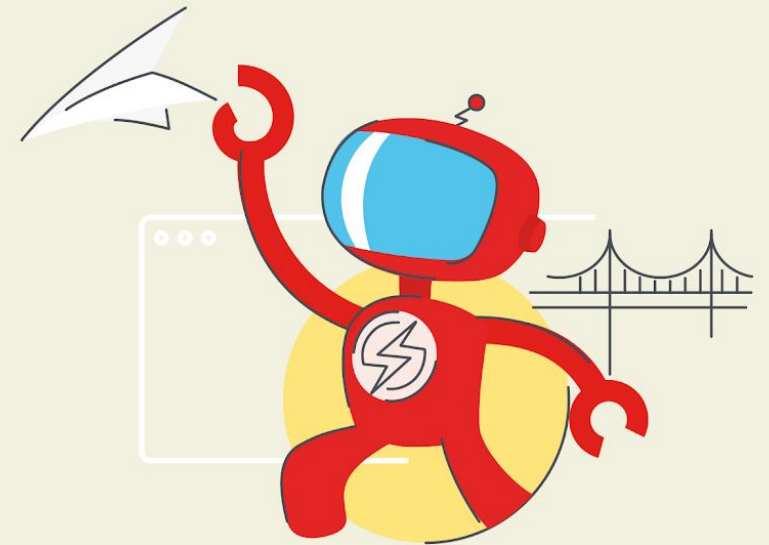


# Automation Best Practices

Nikolay Advolodkin | Sr Solutions Architect

## While You Wait

1. Follow the Setup instructions in the main README:  
<https://github.com/saucelabs-training/automation-best-practices>
2. Make sure you have access to our Slack channel
  - a. Post questions there
3. Tell us where you're from on the right



# Nikolay Advolodkin



- Sr Solutions Architect, Sauce Labs
- Contributing author to Continuous Testing for DevOps Professionals
- Top 33 automation engineer, multiple years in a row by TechBeacon.com
- 100K+ taught @ [UltimateQA](#), Udemy, TestAutomationU
- Animal lover



[@nikolay\\_a00](#)



<https://github.com/nadvolod>

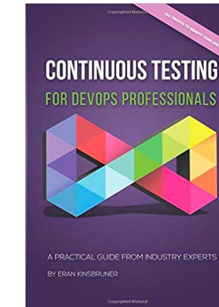


# My Team Mate



Wim Selles

- Sr. Solutions Architect at Sauce Labs
- Conference Speaker
- Contributing author to 2 books
- Open Source Contributor
- In ❤️ with Mobile and JavaScript
- Creator of Multiple JavaScript NPM packages



@wswebcreation



<https://github.com/wswebcreation>

# Automation Best Practices

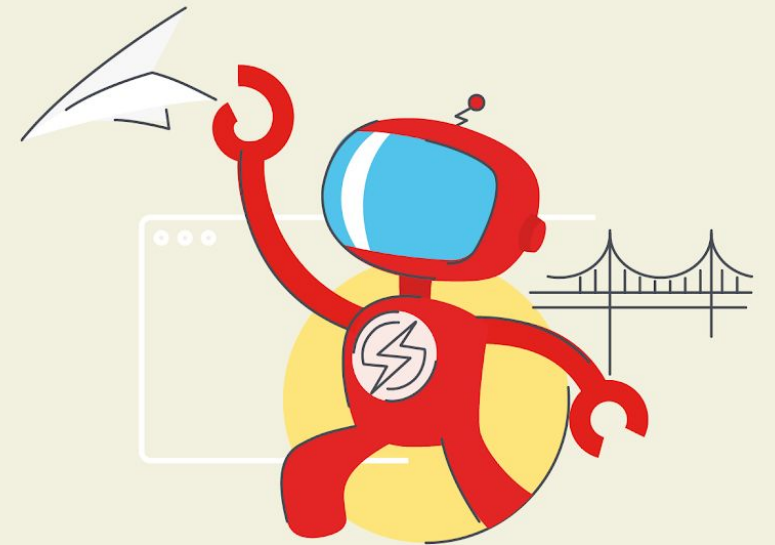
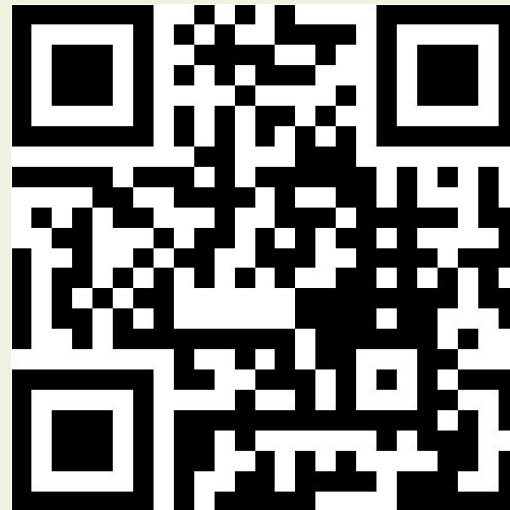
Nikolay Advolodkin | Sr Solutions Architect

APRIL 20, 2021



One more question:

<https://www.menti.com/ejnmadcgow>



# Save The Planet

As most of us know, the planet, the animals, and we are in trouble!

👤 Together we can improve our automation and the world 😊

## Three simple ways:

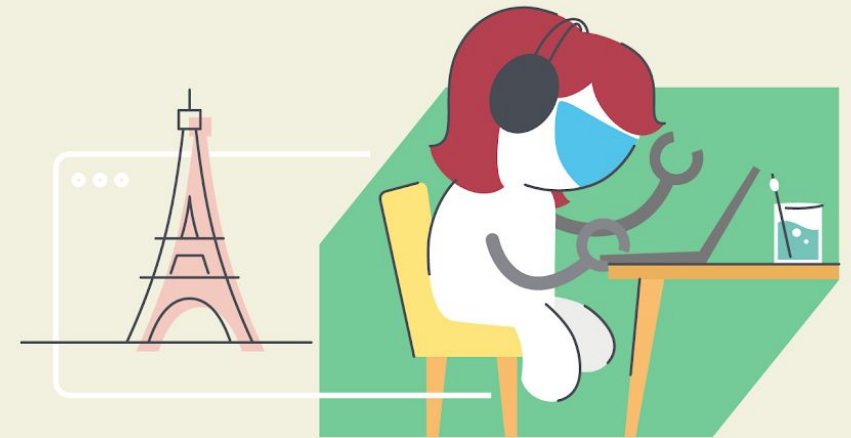
1. Shop at **smile.amazon.com** and donate a portion of sales to your favorite charity. I support NutritionFacts.org
2. Search the web using <https://www.ecosia.org/>
3. Hold your money with <https://www.aspiration.com/>

Bonus: Do Meatless Mondays

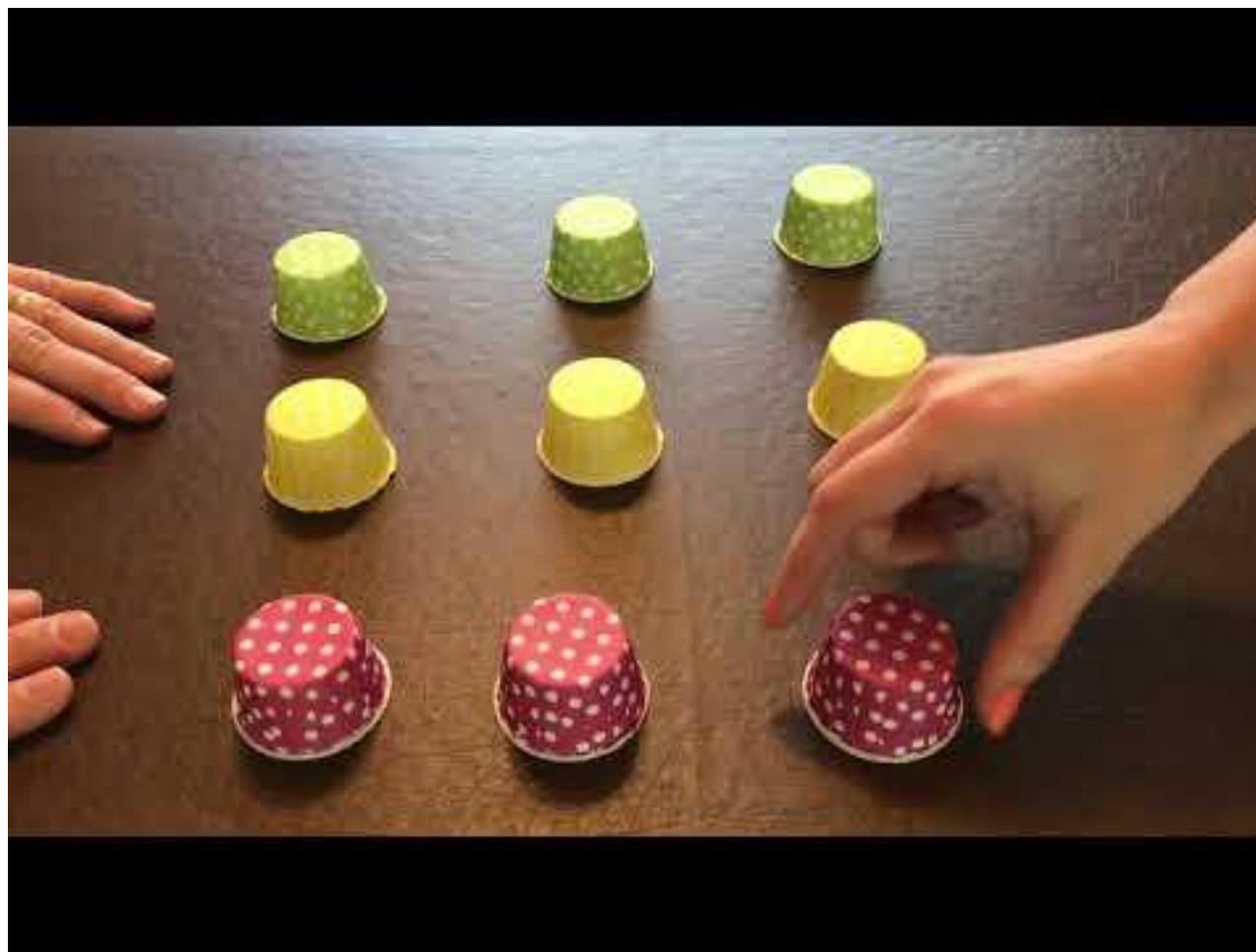


# Visual E2E Testing

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# Let's Play A Game





# Human Eyes Can Miss Critical Information



@nikolay\_a00



# Visual Errors in Real Life





# Make or Break: The Impact of User Experience

## Why Digital Confidence is so Critical to Business Success

McKinsey  
& Company

25% of customers will abandon a brand after **just one bad experience**.

---

**Harvard  
Business  
Review**

Customers who had the best past experience **spend 140% more** than customers who had the poorest past experience.

---

qualtrics<sup>XM</sup>

41% of customers either decrease spending or **stop spending altogether** after a bad experience.

*Sources:*

McKinsey & Company, "Customer Experience: new capabilities, new audiences, new opportunities," June 2017

Harvard Business Review, "The Value of Customer Experience, Quantified," August 2014

Qualtrics, "ROI of Customer Experience," October 2018

# Close Call



MOSCOW – It was just past midnight as Stanislav Petrov settled into the commander's chair inside the secret bunker at Serpukhov-15, the installation where the Soviet Union monitored its early-warning satellites over the United States.

Then the alarms went off. On the panel in front him was a red pulsating button. One word flashed: "Start."

It was Sept. 26, 1983, and Petrov was playing a principal role in one of the most harrowing incidents of the nuclear age...

Petrov's role was to evaluate the incoming data. At first, the satellite reported that one missile had been launched – then another, and another. Soon, the system was "roaring," he recalled – five Minuteman intercontinental ballistic missiles had been launched, it reported.

Despite the electronic evidence, Petrov decided – and advised the others – that the satellite alert was a false alarm, **a call that may have averted a nuclear holocaust.**

<https://www.washingtonpost.com/wp-srv/inatl/longterm/coldwar/shatter021099b.htm>

# I Want To Get Away (From This Site...)



**Two bags for the price of none\* included.**

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\*First and second checked bags. Weight and size

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SUBTOTAL \$171.68

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**CREDIT ON YOUR STATEMENT -\$200.00**

---

**TOTAL AFTER STATEMENT CREDIT \$12.96**

<https://applitools.com/blog/examples-software-ui-bugs/>

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# Which Website Am I Visiting?



# How Do We Prevent Such Bugs?



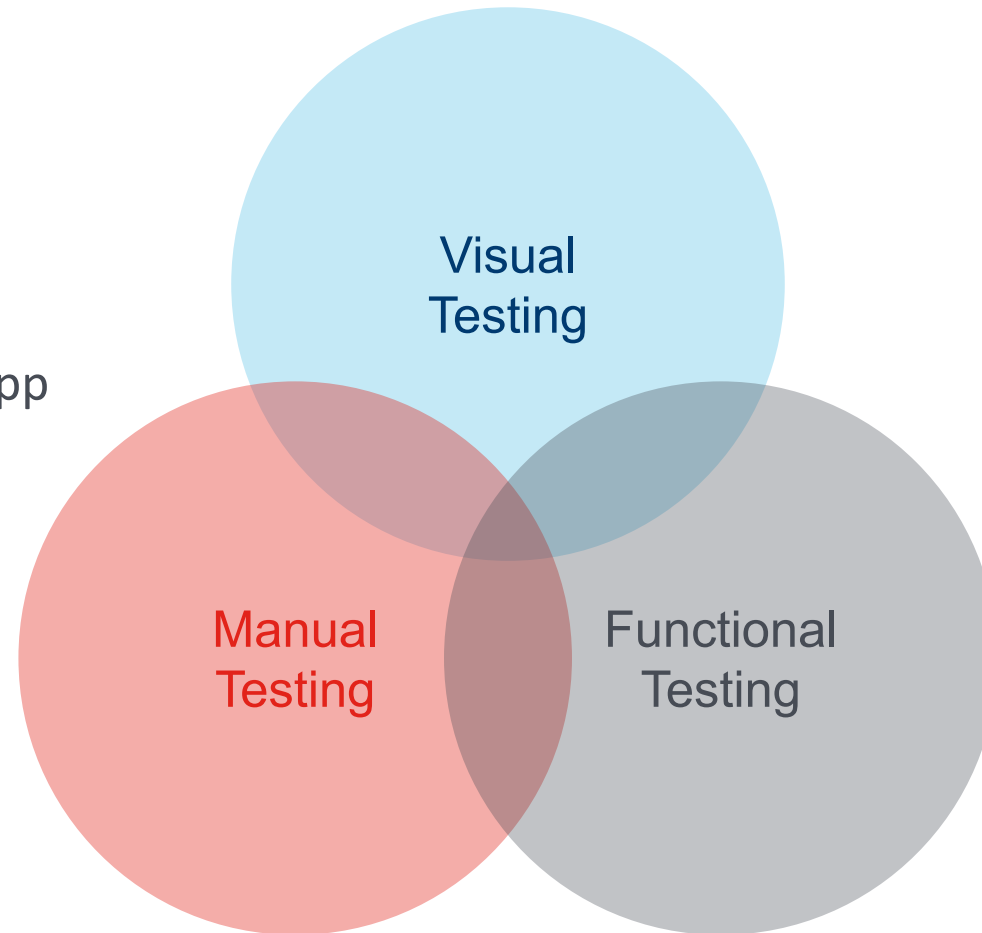


# Visual E2E Testing



# What Is Visual Testing

Visual testing is how you ensure your app appears to the user as you intended.



Let's Go!



# Please Rate This Workshop

[www.slido.com](http://www.slido.com) using the event code #159065



# Thank You

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Don't forget to follow us



[@nikolay\\_a00](https://github.com/nadvolod)

[@wswebcreation](https://github.com/wswebcreation)

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