

# Unlock the Power of your Browser's Dev Tools

Mike Rapa

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A decorative light blue triangle is located in the bottom right corner of the slide, pointing towards the top right.

# About your speaker

## Mike Rapa

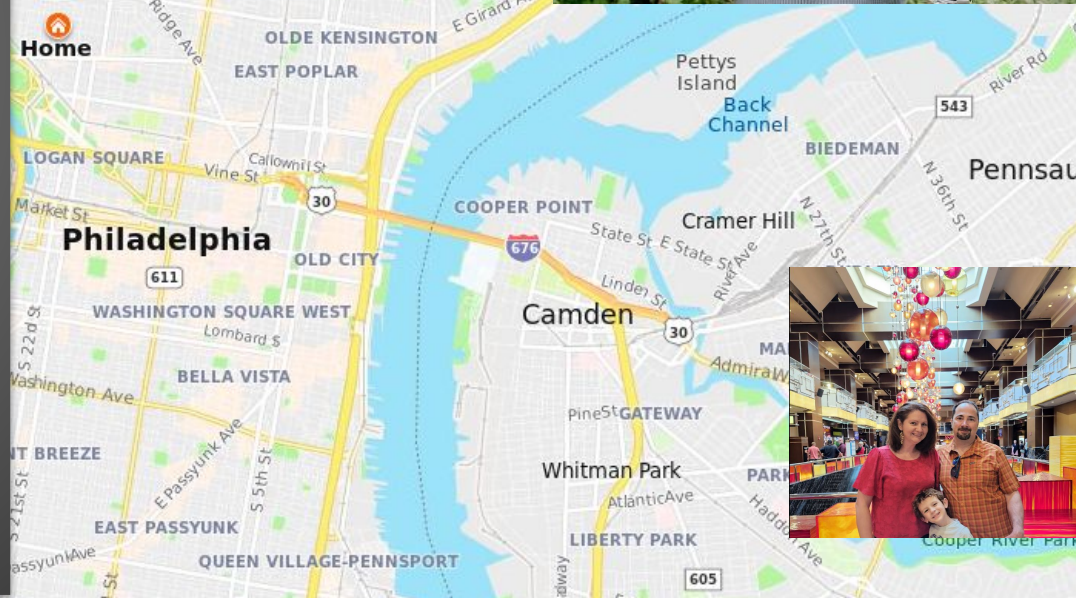
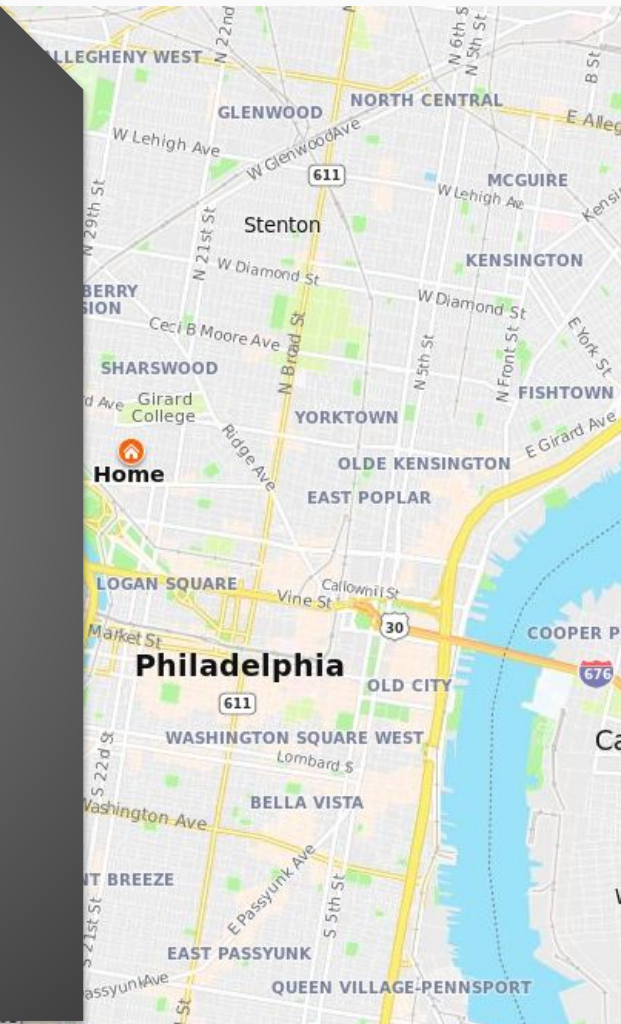
20+ years in software

B.S. Computer Science @ Thomas Jefferson University

M.E. Software Engineering @ Penn State

Director of Software Development at Altera

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github.com/mikerapa



# Agenda

Browser family tree

Why debugging in a browser is important

Elements, Sources, Storage, Console,  
Animations, Layers, Device simulation,  
Networking, Performance, Memory

Lighthouse report

Framework/Library specific tools

# Desktop Browsers

Desktop  
Market  
Share

Chrome 67.17%  
Safari 9.63%  
Edge 9.33%  
Firefox 7.87%  
Opera 2.89%  
Other Browsers 3.11%

## WebKit

Maintained by Apple

Safari

## Blink

Maintained by Google

Chrome  
Chromium  
Edge  
Brave  
Vivaldi

## Gecko

Maintained by Mozilla

FireFox

# Mobile Browsers

## Mobile Browser Marketshare

Chrome 63.57%  
Safari 25.61%  
Samsung Internet 5.17%  
Opera 2.02%  
UC 1.72%  
Firefox .49%  
Other Browsers 1.42%

	Android	iOS
Chrome	Blink	WebKit
Safari	WebKit	WebKit
Samsung Internet	Blink	WebKit
Opera	Blink	WebKit
UC	Blink	WebKit
Firefox	Gecko	WebKit

# Where to go

Source code for this demo:

<https://github.com/mikerapa/browser-tools-demo>

Chrome Dev Tools Documentation

<https://developer.chrome.com/docs/devtools/>





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