

# NICK GIRARDO

## PERSONAL INFORMATION

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## WORK EXPERIENCE

Software Engineer – OnSiteIQ Inc.  
*February 2019– Present* Developed and maintained SaaS web application.  
Managed new features and changes through testing, production, and deployment.

Software Engineer – Sketchdeck Inc.  
*October 2016– February 2018* Developed and maintained SaaS web application.  
Designed, proposed, developed, and deployed internal and external tools.

Software Engineering Intern – Addteq Inc.  
*Summer 2015* Designed and developed platform for automatic setup of Atlassian tools.

## PROJECTS

WebAssembly Boids  
*Fall 2018* Classic boids simulation running in hand-written WebAssembly.  
Exploration of WebAssembly’s interface and performance.  
View demo: <http://nickgirardo.github.io/animation-tests/wasm-boids/>  
View source: <https://github.com/nickgirardo/wasm-boids>

Cel Shaded AA Demo – WebGL 2 Port  
*Fall 2018* WebGL 2 port of Philip Rideout’s “Antialiased Cel Shading” demo.  
Exploration of shading and tessellation in WebGL 2.  
View demo: <https://nickgirardo.github.io/trefoil/>  
View source: <https://github.com/nickgirardo/wasm-boids>

Context Play/ Pause  
*Summer 2018* Firefox WebExtension allowing users to play or pause videos from a tab’s context menu.  
View Add-on: <https://addons.mozilla.org/en-US/firefox/addon/context-play-pause/>  
View source: <https://github.com/nickgirardo/context-play-pause>

Grid Tetris  
*Summer 2018* Experimental implementation of classic video game Tetris using CSS Grid for all display.  
View demo: <https://nickgirardo.github.io/grid-tetris/>  
View source: <https://github.com/nickgirardo/grid-tetris>

Phone.WTF  
*Fall 2015* Prank your unsuspecting friends and family by connecting them through a phone call.  
Uses the Twilio API and a Python/ Flask backend.  
Created at Fall 2015 HackNY Hackathon, winner of PayPal prize.  
View source: <https://github.com/nickgirardo/PhoneWtf>

## EDUCATION

Rutgers, the State University of New Jersey, New Brunswick  
*2012-2016* Major in Computer Science, School of Arts and Sciences

September 4, 2019