

November 9-11, 2021  
[www.dotnetconf.net](http://www.dotnetconf.net)

# .NET Conf

Discover the world of .NET



# How the Community Toolkit streamlines development of Microsoft built apps and your apps alike!

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Justin Liu – Principal Software Engineering Manager



# Who are we?

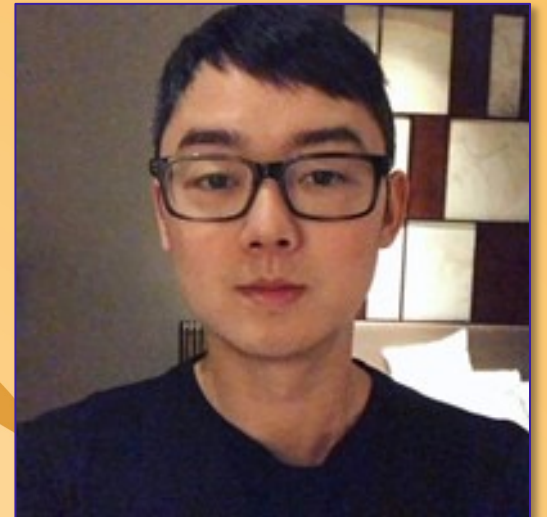
## Michael A. Hawker

- a.k.a. XAML Llama 🦙
- Senior Software Engineer @ Microsoft
- Maintainer of the Windows Community Toolkit
- Created XAML Studio



## Justin Liu

- Principal Software Engineering Manager @ Microsoft
- Leads Microsoft Store Client Team
- Designer & Developer
- Built many //Build Keynote Demos



# Overview

- Community Toolkits
- Microsoft Store + Toolkit = Success
- Demo all the things!



# Community Toolkits



<https://aka.ms/toolkit>

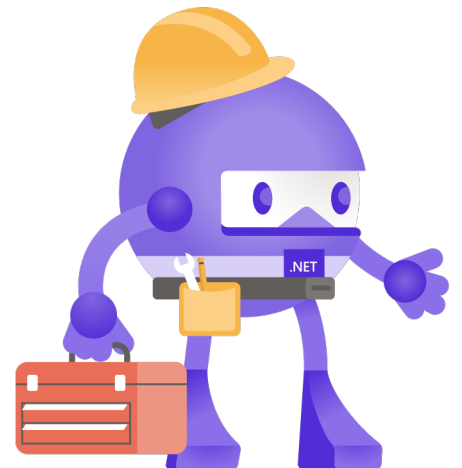
- A collection of libraries that are
  - For .NET based technologies
  - Open Source on GitHub
  - Part of .NET Foundation, MIT Licensed
  - Collaboration of Community Developers, Microsoft MVPs, Microsoft Engineers, and the teams working on those technologies



# Community Toolkits



- Windows Community Toolkit
  - Identity & Graph Toolkit
- .NET Community Toolkit
  - MVVM Toolkit
- MAUI Community Toolkit



RELEASED

# .NET Community Toolkit

- Libraries and Tools for .NET Developers
- UX Framework Agnostic
  - WinForms, WPF, UWP, MAUI, WinUI 3, Xamarin, Blazor, Uno, etc...
- Platform and Runtime Independent
  - .NET Standard 2.0+ & .NET 5+

<https://aka.ms/toolkit/dotnet>



# Windows Community Toolkit



<https://aka.ms/toolkit/windows>

- Suite of Controls, Extensions, and Helpers for .NET Windows development
- UWP & WASDK/WinUI 3
- Part of .NET Foundation, MIT Licensed
- Lifetime Stats
  - Over 25 releases in 5 years
  - 1,337+ Issues Closed
  - **10+ Million** NuGet Package Downloads
  - 10,000+ Commits by 200+ contributors





# Microsoft Store



# Toolkit Features used in Microsoft Apps

- Microsoft Store
  - Animations
  - ConstrainedBox
  - Attached Shadows
  - MVVM Toolkit
  - *And more to come!*
- Clock
  - Authentication
  - Animations
- *And more!*
  - InAppNotification
  - MetadataControl
  - ObservableGroup
  - Behaviors
  - Extensions
    - Commands
    - Visual
    - ClipToBounds
  - WrapPanel

# Demos

The Windows Community Toolkit Sample App

<https://aka.ms/windowstoolkitapp>



# Thanks for joining!

Questions?



