

Mike Helland

Creator of interesting apps for expression and creativity

3600 E Marginal Way Studio 13
Seattle, WA 98134
(208) 691-0782
mike@mikehelland.com

EXPERIENCE

Self Employed, Seattle— *App Creator and Developer*

JUNE 2006 - Present

Wrote an early and popular Android app to "draw" music
Created a touchscreen guitar
Created a digital audio workstation for "open music"
Created software for art installations
Used cellular automata to create interesting visuals in LEDs
Used an Xbox Kinect to create interactive experiences with sculptures

ARS Solutions, Minnesota— *Sr. Developer*

JUNE 1996 - JUNE 2006

Migrated a large software suite from DOS to Windows
Introduced the Internet to most parts of the business
Created useful internal applications
Created new software titles for the company's customers
Developed new credit card software

PROJECTS

Chico's Glass Wall — *Technical Advisor*

Work directly with the artist to understand the visual experience intended to be created by the sculpture, as well as how the interaction between the piece and the audience is achieved.

OpenMusic.Gallery — *Creator and Developer*

Tools for the creation and consumption of "open music". Users can point and click their way to creating royalty free, copylefted music that is distributed in "source code" format that allows anyone to remix and rearrange each other's music.

Touchscreen Guitar — *Creator and Developer*

A guitar made with touchscreens on the neck and body instead of physical strings. Uses Android SDK and Bluetooth connectivity for multiple touchscreen devices to work as one instrument.

SKILLS

Inventing new apps
Delivering the product
Solving hard problems
Working efficiently

AWARDS

Microsoft Most Valuable Professional for exceptional service to the technical community

LANGUAGES and PLATFORMS

Java, JavaScript, Python, SQL, Android, Node.js, HTML5, CSS, Visual FoxPro, Linux, Windows, MacOS, Raspberry Pi, Arduino, Git