

“JOSH NETTERFIELD

walked into a team in need of help and completely transformed its ability to get things done. He just... *produces*. In the course of one summer he completely revamped our entire coach/teacher reporting system from end to end (and managed to launch a fully functional mobile app in his spare time).”

BEN KAMENS, LEAD DEVELOPER AT KHAN ACADEMY

JOSH NETTERFIELD

KHAN ACADEMY

Reports Intern. Summer 2013 and Winter 2014.

KHANACADEMY.ORG/COACH/DEMO

Designed and implemented reports used by parents and teachers to track the progress of millions of students. Built web frontend in **React** and **Underscore**. Created scalable backend with **Google App Engine** for **Python**.

KHANACADEMY.ORG/SAT & KHANACADEMY.ORG/COMMONCORE/MAP

Worked with a team of designers to announce the SAT & Common Core partnerships.

Wrote the BlackBerry 10 Khan Academy app using **Qt** with **JavaScript** and **C++**.

RIPIENO.IO

Founder. Fall 2014 to present.

RIPIENO.IO & GITHUB.COM/RIPIENO

Ripieno is Google Docs for Sheet Music. Coming March 2015.

Built web frontend using **React** and **TypeScript**. Created backend with **vibe.d** and **MongoDB**.

GITHUB.COM/RIPIENO/SATIE

Developed Satie, an open-source sheet music layout engine and renderer for the web.

EVERYTHING ELSE

I'm a software developer, pianist, cyclist, and student in Software Engineering at the University of Waterloo.

Implemented accelerated CSS Filter Effects in **WebKit** for the BlackBerry 10 Browser.

Improved the rendering speed of text shadows fourfold and raised the **WebGL** aquarium demo frame rate by 60%.

Created **Bible** – the most downloaded religious app for BlackBerry 10 – under contract to lifechurch.tv.

Published the most purchased **podcasting** app for BlackBerry 10.

Wrote a data display program in **Qt/C++** for **Blast** – a CSA/NASA funded experiment.

Let's discuss whether I'd be a good fit. Reach me at joshua@nettek.ca.