

Kynan Rilee ([ublubu.github.io](http://ublubu.github.io))

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## Education

Princeton University – Computer Science BSE 2012, magna cum laude

## Experience

- Koki Technology – Co-founder, Engineer – (Oct 2017 - Feb 2018)  
koki/short syntax and modules system for Kubernetes manifest files. Containerized CI system (and Haskell EDL) for Kubernetes. First automated installer for Hyperledger Fabric (blockchain platform) on Kubernetes. 28 technical blog posts at [medium.com/@kynan.rilee](https://medium.com/@kynan.rilee). (Haskell, Golang)
- Google – Software Engineer – (Aug 2016 - Oct 2017)  
iOS development for Waze Carpool. (Objective-C)
- LeapYear.io – Consultant – (Nov 2015 - Dec 2015)  
Streaming database interface and streaming implementation of a family of differentially-private machine learning algorithms. (Haskell)
- shapes – Creator – (Jun 2015 - ongoing)  
Performant constraint-based 2D physics engine in Haskell. Unboxed vector math code-generation library and other optimizations. (Haskell)
- Yahoo – Software Engineer – (Feb 2014 - Mar 2015)  
Node.js and client-side React.js for Digital Magazines platform frontend. First Yahoo team to switch to React.js. Developed an ad integration library also used by other Yahoo properties. (Javascript)
- Microsoft, Ericsson – Software Engineer – (Jun 2012 - Sep 2013 - Jan 2014)  
Built an automated big-data reports system, including a domain-specific language for non-technical users to extract business metrics from Hadoop. (C#, Hive)
- Microsoft – Software Engineer Intern – (Jun 2011 - Aug 2011)  
Co-created the Tile Puzzle app for Windows 8 developer preview. Classic sliding tile puzzle (15-puzzle) using video instead of a still image. (Javascript)