

# Ben Kolb

bolbken.dev  
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## SOLUTIONS

### BACKEND

Services:  
RESTful API • GraphQL API •  
Publish & Subscribe

Database:  
PostgreSQL • AWS DynamoDB •  
MySQL

### DEVOPS

Orchestration:  
Docker • Kubernetes • Serverless

Administration:  
Ubuntu • VMWare • Proxmox

CI/CD:  
AWS • Github Actions

### FRONTEND

Web:  
React.js • Gatsby.js • SASS

## SKILLS

### LANGUAGES

Python	<div><div></div></div>	4+ yr
Javascript	<div><div></div></div>	3+ yr
HTML	<div><div></div></div>	3+ yr
CSS/SASS	<div><div></div></div>	3+ yr
Bash/Shell	<div><div></div></div>	3+ yr
Golang	<div><div></div></div>	0.5 yr
C++	<div><div></div></div>	0.5 yr

### FRAMEWORKS

Proficient:  
ExpressJS • ReactJS • Docker  
Flask • Terraform  
Familiar:  
Serverless

## LINKS

Github:// [bolbken](#)  
LinkedIn:// [bolbken](#)

## EDUCATION

### VIRGINIA TECH

BS IN CHEMICAL ENGINEERING  
May 2017



## EXPERIENCE

### FACEBOOK | SOFTWARE ENGINEER

Jan 2015 - Present | New York, NY

### COURSERA | KPCB FELLOW + SOFTWARE ENGINEERING INTERN

June 2014 – Sep 2014 | Mountain View, CA

- 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.
- Led and shipped Yoda - the admin interface for the new Phoenix platform.
- Full-stack developer - Wrote and reviewed code for JS using Backbone, Jade, Stylus and Require and Scala using Play

### GOOGLE | SOFTWARE ENGINEERING INTERN

May 2013 – Aug 2013 | Mountain View, CA

- Worked on the YouTube Captions team, in Javascript and Python to plan, to design and develop the full stack to add and edit Automatic Speech Recognition captions. In production.
- Created a backbone.js-like framework for the Captions editor.

### PHABRICATOR | OPEN SOURCE CONTRIBUTOR & TEAM LEADER

Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY

- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

## RESEARCH

### CORNELL ROBOT LEARNING LAB | RESEARCHER

Jan 2014 – Jan 2015 | Ithaca, NY

Worked with **Ashesh Jain** and **Prof Ashutosh Saxena** to create **PlanIt**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments.

### CORNELL PHONETICS LAB | HEAD UNDERGRADUATE RESEARCHER

Mar 2012 – May 2013 | Ithaca, NY

Led the development of **QuickTongue**, the first ever breakthrough tongue-controlled game with **Prof Sam Tilsen** to aid in Linguistics research.

## AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	1 <sup>st</sup> /50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7 <sup>th</sup> /120	CS 3410 Cache Race Bot Tournament
2012	2 <sup>nd</sup> /150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist