# Shahmeer Navid

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## Work Experience

### Software Engineering Intern
**Inkling** - San Francisco - *Winter 2015*

Designed spec for a file format that would allow users to modify an app's UI. Implemented this feature in the BackboneJS app.

Improved test suite reliability by fixing a bug caused by modifications made to a Javascript object's prototype chain.

Wrote a SVN precommit hook in bash that efficiently validated user uploaded SASS files.

Implemented a fullscreen images feature for high resolution assets on Android.

Wrote Python APIs that performed CRUD operations for various database objects. API placed files in Amazon S3 buckets, handled user upload of zip files, and committed files to SVN repositories.

Created initial UI for a module management dashboard using ReactJS and the Flux architecture.

### Software Engineering Intern
**Kimono Labs** - San Francisco - *Summer 2014*

Re-architectured frontend Javascript code using MVC principles & AngularJS, improving application consistency & maintainability.

Designed & implemented frontend & server side components of authenticated API creation feature. Dealt with security concerns of storing user credentials and private data.

Implemented streaming file downloads by parsing & operating on streams of data.

Worked with Redis to move pagination based web crawling into PhantomJS instances.

### Web Developer
**CatalystsX** - Toronto - *Summer 2012*

Designed and developed organization website on top of wordpress.

## Education

### Bachelor of Computer Science - University of Waterloo
2013 - current

## Technical Skills

**Languages and Platforms**
Node/Javascript, Python, C++, Android/Java, iOS/Objective-C, Bash, HTML, SASS/CSS, PHP

**Frameworks and Libraries**
ReactJS, AngularJS, BackboneJS, Tornado, SQLAlchemy, Flask, boost, JavaFX, CoreData

**Database Technologies**
MongoDB, Redis, PostgreSQL, mySQL, Riak

**Graphic design**
Photoshop, Illustrator, InDesign

Experience with Linux & Unix environments

## Cool Projects

### Python Style List Slicing - **Personal Project**
*https://github.com/shahmeernavid/PythonStyleListSlice*
Transpiler that adds python style list slicing (`arr[1:2]`, `arr[1:2:3]`, etc) to Javascript.

### webRTC Chat - **Personal Project**
*https://github.com/shahmeernavid/webrtc-chat*
React-redux chat app bulit using webRTC.

### Argvparser - **Personal Project**
*https://github.com/shahmeernavid/argparse*
Module that allows node command line utilities to define required/optional arguments, options, and flags in an expressive grammar.

### MobAudio @ AngelHacks San Francisco - 2014
*https://github.com/xylochylo/MobAudio*
iOS & Android application that allows users to greatly amplify sound using cell phones. Received Dolby API prize.

### Sling @ HACKwaterloo - 2014
*https://github.com/shahmeernavid/waterloohack*
Phonegap & native Android app that allows users to share files.