

# Shahmeer Navid

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## Technical Skills

**Languages and Platforms:** Node/Javascript, C++, Android/Java, iOS/Objective-C, Scala, Ruby, Hack/PHP

**Frameworks and Libraries:** ReactJS, AngularJS, Sequelize, SQLAlchemy, Flask, Scalding, Storm, GraphQL

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## Education

**Bachelor of Computer Science**

Graduating early 2018

University of Waterloo – Dean's Honor List

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## Work Experience

### Stripe

San Francisco, California

*Software Engineering Intern – Risk*

**May 2016 – August 2016**

- Aggregated gigabytes of platform fraud data using Scalding and realtime charge data using Storm.
  - Exposed data on underwriting dashboard, helping reduce monthly losses by thousands of dollars.
- Developed Futures - a database persisted, promise-like data structure.
  - Provides better code organization around long lived asynchronous processes.
  - Used in production to schedule actions after a fraud review is raised on a merchant.

### Facebook

Menlo Park, California

*Software Engineering Intern – Communication Design Engineering*

**January 2016 – April 2016**

- Worked on "A Place For All" - personalized news feed experiences centered around cultural moments.
  - Developed GraphQL infrastructure to configure native iOS and Android components from the server.
  - Used to launch Facebook's Olympic news feed experience ([TechCrunch article](#)).

### Inkling

San Francisco, California

*Full Stack Software Engineering Intern – Content Extensibility Team*

**January 2015 – April 2015**

- Wrote Python API that perform complex CRUD operations for various database objects.
  - API places files in S3 buckets, handles user upload of zip files, and commits files to SVN repositories.

**Kimono Labs** (acquired by Palantir)

San Francisco, California

*Full Stack Software Engineering Intern*

**May 2014 – August 2014**

- Developed authenticated API creation feature end to end. Used by 67% of users.
  - Implemented streaming file downloads for API results. Removed upper bound on download file sizes.
  - Sped up paginated web crawling by ~20% after moving "next link" generation into PhantomJS instances.
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## Notable Projects

**GlassBoard @ Hack the North 2015**

<https://github.com/Wojtechnology/GlassBoard>

Google cardboard augmented reality application that allows users to interact with visual overlays. Makes use of WebGL, HTML5 canvas, and OpenCV.

**Python Style List Slicing**

<https://github.com/shahmeernavid/PythonStyleListSlice>

Transpiler that adds python style list slicing (`arr[1:2]`, `arr[1:2:3]`, etc) to Javascript.

