

# KEVIN LIN

STUDENT / FULL-STACK WEB ENGINEERING INTERN

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## EDUCATION

**RICE UNIVERSITY** | HOUSTON, TX

2014 - 2018 | B.S. ELECTRICAL AND COMPUTER ENGINEERING, B.S. COMPUTER SCIENCE | 3.90 GPA

## EXPERIENCE

**PINTEREST** | SOFTWARE ENGINEERING INTERN | SAN FRANCISCO, CA

SUMMER 2017 | PRODUCT ACTION TEAM

I'm excited to be a part of the engineering team this summer!

**UBER** | SOFTWARE ENGINEERING INTERN | SAN FRANCISCO, CA

SUMMER 2016 | WEB PLATFORM TEAM

Scaled backend infrastructure for Uber's internal private Node (NPM) registry to a fast, persistent, and searchable Elasticsearch index. Designed and implemented a React/Redux-based web frontend, similar to npmjs.com, for browsing internally published NPM packages.

**YELP** | SOFTWARE ENGINEERING INTERN | SAN FRANCISCO, CA

SUMMER 2015 | CONSUMER WEB TEAM

Built an email campaign system designed to increase reviews from users who order products directly from businesses using Yelp Platform. Redesigned and implemented a new experimental single-page-flow frontend interface for Yelp's universal business photos uploader.

## OPEN SOURCE / DEPLOYABLE SERVICES

**LINKIWI/MODERN-PASTE**

PYTHON (FLASK), JAVASCRIPT (CLOSURE FRAMEWORK) | 13610 ++ | 2728 --

[www.modernpaste.com](http://www.modernpaste.com)  
[github.com/LINKIWI/modern-paste](https://github.com/LINKIWI/modern-paste)

Feature-rich, self-hosted Pastebin alternative featuring a contemporary, minimalistic user interface backed by a robust, RESTful API. Currently deployed as the official public paste service of the Linux Fedora project at [paste.fedoraproject.org](http://paste.fedoraproject.org).

**LINKIWI/ENDPOINT**

JAVASCRIPT/ES6 (NODE, REACT) | 3900 ++ | 311 --

[endpoint.internal.kevinlin.info](http://endpoint.internal.kevinlin.info)  
[github.com/LINKIWI/endpoint](https://github.com/LINKIWI/endpoint)

Zero-configuration and zero-server-overhead microservice for creating customizable mock HTTP API endpoints that return static JSON data.

**LINKIWI/APACHE-AUTH**

JAVASCRIPT/ES6 (NODE, REACT) | 9610 ++ | 2896 --

[auth.kevinlin.info](http://auth.kevinlin.info)  
[github.com/LINKIWI/apache-auth](https://github.com/LINKIWI/apache-auth)

Framework for a transparent, stack-agnostic, 2FA-enabled SSO implementation based on distribution of HTTP cookies at the Apache layer.

## OPEN SOURCE / PROJECTS

**LINKIWI/SIGN-AUTH**

PYTHON (FLASK), SENSEL | HACK THE PLANET, MOUNTAIN VIEW, CA | 1185 ++ | 11 --

[github.com/LINKIWI/sign-auth](https://github.com/LINKIWI/sign-auth)

Web 2FA via real-time validation of a handwritten signature as raw multi-point pressure, position, and velocity inputs from the Sensel Morph.

**LINKIWI/CUDA-COMPUTER-VISION**

NVIDIA CUDA, C, PYTHON | 14259 ++ | 1150 --

[github.com/LINKIWI/cuda-computer-vision](https://github.com/LINKIWI/cuda-computer-vision)

An implementation of real-time, GPU-accelerated edge detection and motion detection algorithms using the NVIDIA CUDA framework.

## TECHNICAL

**LANGUAGES**

Javascript/ES5/ES6, Python, Java, C, Scala, Bash, TeX, Markdown + standard markup, Learning: Rust, Scheme

**TECHNOLOGIES**

Backend: Node, npm, Flask, MySQL, ELK stack. Frontend: React, Babel, Webpack, Jinja, SASS/SCSS, Google Closure.

**DEV TOOLING**

\*nix systems, VCS (Git, SVN), CI (Jenkins, Travis), Docker, linters (ESLint, PEP8), project tracking (Phabricator, JIRA)