

KEVIN LIN

STUDENT / FULL-STACK WEB ENGINEERING INTERN

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🔗 LINKIWI
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EDUCATION

RICE UNIVERSITY | HOUSTON, TX

B.S ELECTRICAL AND COMPUTER ENGINEERING, B.S COMPUTER SCIENCE
2014 - 2018 | 3.87 GPA

EXPERIENCE

PINTEREST | SOFTWARE ENGINEERING INTERN | SAN FRANCISCO, CA SUMMER 2017 | STARTING NEXT 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
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.

LINKIWI/ENDPOINT

JAVASCRIPT/ES6 (NODE, REACT) | 3900 ++ | 311 -- endpoint.internal.kevinlin.info
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
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

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

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)