STANLEY H. SAKAI

web & iOS developer · realtime stenographer · linguist

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HELLO

Hi! I'm Stanley.

I am a programmer, a polyglot, and a real-time stenographer. The intersection of language, communication, and technology fuels my fire.

OVERVIEW

An exceptionally driven, quick-learning software developer with impeccable communication skills and an international mindset seeking a full-time role in web development.

EDUCATION

UNIVERSITY OF WASHINGTON
Seattle, WA
Bachelor of Arts, Computational Linguistics

FLATIRON SCHOOL
New York, NY (Online)
Introduction to Swift & iOS

EXPERIENCE

ALOFT
Founder, Full-Stack Developer
October 2015 - Present

Design, build, and maintain a custom, cloud-based live-transcription delivery system from the ground up for use by real-time stenographers.
Adhere to W3C best practices to ensure user experience is as accessible and intuitive as possible.
Configure and manage Ubuntu virtual server on DigitalOcean.

SRCCON
Full-Stack Developer, Captioner
Annually: 2015, 2016, 2017, 2018

Provided realtime captioning via Aloft.
Collaborated with tech lead to design and implement a custom automated transcript repository system
As a result, improved attendee engagement.
Designed and implemented a versatile backend that immediately publishes raw transcriptions produced by captioners to RESTful endpoints to which conference website and Slackbots were allowed instant access via web.
Designed and implemented an Electron plugin that translated TCP events locally fired by proprietary court reporting software to JSON operations that communicate with ShareDB.js on a custom deploy of Aloft allowing cross-platform use of Aloft.

CHAMPION STENO
Full-Stack Developer
October 2018 - Present

Design and implement custom web-based teaching tools using Node and Websockets on the backend, React and Redux on the frontend, Redux Saga to handle side effects, and Firebase as the store.
Collaborate with designer to ensure branding and functional continuity across a range of devices.

(HUMAN) LANGUAGES

ENGLISH	*Full Native Proficiency*
SPANISH	*Advanced, fully bilingual proficiency*
KOREAN	*Bilingual conversational proficiency*
DUTCH	*Basic conversational proficiency*
JAPANESE	*Basic conversational proficiency*
ASL	*Basic conversational proficiency*
FRENCH	*Intermediate student proficiency*

SKILLS

BACK-END JS
Creating, deploying, and managing back-end routing via Express and Http.
Deploying Node backends with forked processes.
Interfacing with MongoDB data stores via Mongoose.
Interfacing with Firebase via Redux + React.

FRONT-END JS
Utilizing technologies such as React, jQuery, and Pug.
Creating dynamic, aesthetic, and performant frontends.
Managing static assets via Webpack and Browserify.
Managing multiple components' state via Redux.

NATIVE
Building, testing, and managing React Native apps.
Building cross-platform desktop apps via Electron.
Foundational knowledge of Swift iOS app design, production, and build practices.

GENERAL WEB
Cross-browser-compliant ES6, HTML, CSS, SASS
Familiarity with block-element-modifier structure methodology
Package management via Npm and Yarn
Twitter Bootstrap
Unit testing with Chai and Mocha
WordPress installation and management

MACHINE STENOGRAPHY
Live transcription of spoken English and Spanish via machine shorthand, up to 300 WPM, 120 WPM respectively.

PROJECTS & CONTRIBUTIONS

ALOFT
Live transcription app for use by real-time stenographers which enables users to broadcast their live transcriptions over the Web.

OPEN STENO PROJECT
Collection of Python-based open-source tools that aim to democratize machine stenography tooling for non-professional learners.

LOMOJI
A React Native mobile app that allows learners of multiple languages to quickly view a word or phrase translated into all their target languages at a glance.

REFERENCES

Laura Cruz
Pilates Manager, Printing House
Equinox Fitness
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Ryan Pitts
Tech Lead
OpenNews/SRCCON
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