Sam Frances

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 samfrances
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Self-taught web developer with solid abilities in front-end and back-end development. I enjoy pushing myself to master new languages, frameworks, design patterns and programming paradigms.

Technical Skills

Languages

★★★	Python, Javascript, HTML5, CSS3
★★	SQL
★	TypeScript, Haskell, C, PHP

Other

OS	Ubuntu Linux
VCS	Git/Github
Editors	Sublime, Vim

Frameworks/Libraries

★★★	Django
★★	JQuery, Flask
★	Ansible, Jasmine, Knockout, Google App Engine, Google Cloud Endpoints

Work Experience

2016–current **Junior Front End Developer**, *Cydar Ltd*

2010–2016 **Public Affairs Executive**, *The London Internet Exchange Ltd (LINX)*
- Required a high-level understanding of Internet architecture and the TCP/IP protocol suite in order to understand and explain the impact of new policy developments on network operators.

Project Experience

April 2016 **Kalah Game API**, github.com/samfrances/udacity-kalah
- Created an API for Kalah, a turn-based two-player âĂĲcount and captureâĂİ board game.
- Written in Python using Google App Engine, Cloud Endpoints and Datastore.

February 2016 **Catalog App**, github.com/samfrances/udacity-item-catalog
- Developed a content management system using the Flask framework in Python.
- Authentication is provided via OAuth and all data is stored within a PostgreSQL database.

November 2015 **Swiss Tournament**, github.com/samfrances/udacity-swiss-system-tournament
- Designed and created a database for managing multiple Swiss-system tournaments simultaneously.
- Employed advanced SQL features such as views and triggers.

February 2015 **Udacity Movies Website**, github.com/samfrances/udacity-movies-website
- Developed a single-page application to retrieve and display information from the Open Movie Database API, and combine with related trailers from Youtube.
- Combined both front- and back-end technologies, including Python, Bootstrap, JQuery, WSGI, HTML5 and Javascript.

February 2014 **MVC todo list demo**, github.com/samfrances/todo-mvc-demo
- Simple Javascript todo list application, written as an exercise in creating an MVC Javascript application, without an MVC framework.

Certifications and Professional Development

2016 **Front-End Web Developer Nanodegree**, *Udacity*, profiles.udacity.com/u/samfrances

2016 **edX Computer Science**, *MITx, HarvardX*
- MITx: 6.00.1x Introduction to Computer Science and Programming Using Python, git.io/vK7kh
- HarvardX: CS50x Introduction to Computer Science, git.io/vK7lc

2015 – 2016 **Full Stack Web Developer Nanodegree**, *Udacity*, profiles.udacity.com/u/samfrances

2015 **LINX Accredited Internet Technician 1**, *Systems & Network Training*

2012 – 2013	**Udacity computer science certificates**, *Udacity*
	○ CS101 Introduction To Computer Science, git.io/vK7OQ
	○ CS253 Web Development, git.io/vK7Op
	○ CS255 HTML5 Game Development, git.io/vK73T
	○ CS262 Programming Languages, git.io/vK73Y

Education

| 2009–2010 | **M. A. Linguistics**, *University College London* |
| 2006–2009 | **B. A. Philosophy**, *King's College London* |