

Amin Roosta

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Summary:

I'm a software developer who dabbles in open-source contributions. I have a passion for system architecture, performant code, and creating reusable libraries.

Sample Projects:

WebTrader

(2015 – 2017)

Developed a single-page trading platform at binary.com using:

- jQuery, HighCharts, GruntJs, RequireJs, Websocket API, Indicators
- Demo: webtrader.binary.com - NPM: [webtrader-charts](https://www.npmjs.com/package/webtrader-charts) - Github: [binary-com/webtrader](https://github.com/binary-com/webtrader)

SmartCharts

(2017 – 2019)

Developed a charting library at binary.com using:

- React, MobxJs, Sass, Jest, Webpack, Babel
- Demo: charts.binary.com - NPM: [smartcharts](https://www.npmjs.com/package/smartcharts) - Github: [binary-com/smartcharts](https://github.com/binary-com/smartcharts)

scroll-snap-react

(2020)

Created a React library to animate pages snapping into position on scroll using:

- React, TypeScript, Web Animation API, CSS Snap Module, Jest
- NPM: [scroll-snap-react](https://www.npmjs.com/package/scroll-snap-react) - Github: [aminroosta/scroll-snap-react](https://github.com/aminroosta/scroll-snap-react)

Rsqlite

(2020)

A zero-overhead, ergonomic wrapper Rust wrapper over sqlite api.:

- Rust lang, Procedural macros, FFI & Generics
- Docs: docs.rs/rsqlite - Crate: [crates/rsqlite](https://crates.io/crates/rsqlite) - Github: [aminroosta/rsqlite](https://github.com/aminroosta/rsqlite)

deno-html-parser

(2020)

Proof of concept html & css parser for denojs.:

- TypeScript, Web Assembly
- Github: [aminroosta/deno-html-parser](https://github.com/aminroosta/deno-html-parser)
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Other Contributions/Projects:

evcxr: google/evcxr	(2020)
vscode vim extension: VSCodium/Vim	(2016 – 2019)
animated svgs: aminroosta/animated-svg	(2019)
nodejs kindle dictionary generator: aminroosta/kindle-dictionary-generator	(2018)
nodejs telegram lyrics bot: aminroosta/prj-amin-lyrics-bot	(2017)
android ndk gl renderer: aminroosta/prj-opengles-engine	(2015)
c++ sqlite wrapper: modern_sqlite_cpp	(2014)

Skills:

- React, React Native, Redux, MobX
 - JavaScript, TypeScript
 - NodeJs, DenoJs
 - WebGL, D3, Canvas
 - CSS, SASS, Stylus
 - Jest, tape, mocha
 - Cpp, Rust, Latex, Python
 - PostgreSQL, Redis, Sqlite
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Education:

B.Sc. Computer Science and Engineering, Shiraz University

(2010 – 2015)