

Chafic Najjar

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I'm a **freelance front-end web developer** based in Lebanon with 4 years of experience building fast, responsive and maintainable user interfaces. I'm also the **founder of motioncomics.io**, which is a website for creating and publishing motion comics by adding motion and sound to webcomics.

Experience

Dec. 2017 - Present
(1 year 2 months)

Founder of motioncomics.io

- o Bootstrapping [motioncomics.io](#), a website for webcomic artists to create stunning and engaging motion comics.
- o Building the performant and intuitive user interface using HTML, CSS (Sass), JavaScript (ES6+), React, MDC Web, gulp and webpack.
- o Building the back-end using Heroku, AWS S3, Express, Node.js, Sequelize, PostgreSQL and GraphQL.
- o Using Google Analytics to track Key Performance Indicators (KPIs).
- o Integrating several third-party tools such as Paddle to manage subscription payments and SendGrid to send marketing emails.
- o Managing social media accounts and moderating forum discussions of a community of comics and manga creators.

Feb. 2015 - Present
(4 years)

Freelance Front-End Developer

- o Currently helping build the user interface of the smart contract powered social trading platform [Rockt Portal](#).
- o Built [teenswhocode.com](#) and the user interface of the MVP of the TeensWhoCode online learning platform.
- o Worked on the implementation and maintenance of [gradle.com](#) and [gradle.org](#) — the web properties of Gradle Inc.
- o Built the open source JavaScript library [github.com/CodeForAfrica/DopplerMaps](#) to quickly generate responsive choropleth maps.
- o Built the data visualization dashboard of [Inbsr.org](#) — a web application to consolidate data on bariatric surgery across Lebanon.
- o Built the portfolio website [edsab.com](#) of a product designer based in Paris.
- o Built the user interface of [elevatorexpress.com](#) — an online meeting point for professionals and companies in the elevator industry.

Jul. 2014 - Aug. 2014
(2 months)

Graphics Programmer Intern at CCT International, Beirut, Lebanon

- o Worked with another intern on a web-based prototype of the BIM-based construction project control application [C3D Interactive](#).
- o Built a responsive web interface with resizable and dockable interface components.
- o Wrote a parser in Java to extract 3D model data from a proprietary file format and rendered that data using WebGL.
- o Wrote vertex and fragment shaders in GLSL and implemented a first-person camera that can move and rotate in any direction.

Skills

Languages

Proficient in **HTML, CSS (BEM), JavaScript (ES5, ES6, ES7, ES8)** • Familiar with **SVG, SQL, Bash, ETeX**.

Front-End

Experienced with **React, Redux, react-beautiful-dnd, MDC Web, Slate** • Familiar with **D3.js, antd, web3.js, reveal.js**.

Front-End Tooling

Experienced with **Sass, npm, gulp, Babel, webpack, ESLint, stylelint, Jekyll** • Familiar with **Browserify, Grunt**.

Back-End

Experienced with **Express** • Familiar with **Node.js, Passport, PostgreSQL, Sequelize, GraphQL**.

Operating Systems

Experienced with **Arch Linux** where I use **Git + myrepos + ghi, Neovim, i3, Zsh, Ag, fd, bat, pgcli, pgweb, Kdenlive**.

SaaS Tools

Experienced with **GitHub, Heroku, AWS S3, Paddle, Google Analytics** • Familiar with **Cloudflare, SendGrid, Netlify, Jira**.

Education

2012 - 2015

B.S. in Computer Science, *Lebanese American University (LAU)*, Byblos, Lebanon

- o Took part in the *MEPI Tomorrow's Leaders* program (2012 - 2015) and studied at *Wayne State University* in Detroit (Summer 2013).
- o President (2013 - 2014), web developer (2012 - 2013) and member (2012 - 2015) of the *Association for Computing Machinery* club.
- o Volunteer at the Lebanese Red Cross, Youth Department (2014 - 2015).

2009 - 2012

French Scientific Baccalaureate, *Lycée Alphonse de Lamartine*, Tripoli, Lebanon

- o Specialized in Mathematics and graduated with high honors.

2018

Graduated from Startup School, a free, 10-week, online course for startup founders by Y Combinator.

2015

Online courses: [Intermediate D3 for Data Visualization](#) (Knight Center for Journalism in the Americas), [Data Visualization](#) (Coursera).

Activities & Awards

Fall 2015, Fall 2016

Selected data visualization developer at [Data4Change 2015](#) and [2016](#) — 5-day workshops organized by [Small Media](#).

Summer 2016

Speaker at the 3rd meetup of [MENA Devs](#) in Beirut where I gave the talk [Data Visualization for the Web with D3.js](#).

Summer 2012

2nd place winner (15% scholarship + iPod Touch) of LAU's [Computer Science Summer Institute](#) for high school students.

Summer 2011

2nd place winner (\$2000) of the [Google-sponsored CS4HS contest](#) for high school students at the University of Balamand.

Languages

English ★★★★★☆

Full professional proficiency.

French ★★★★★☆

Professional working proficiency.

Arabic ★★☆☆☆☆

Limited professional proficiency.