

Chafic Najjar

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Freelance front-end web developer based in Lebanon with 3+ years of experience building fast, responsive and maintainable user interfaces. **Founder of motioncomics.io**, a website for creating motion comics by adding motion and sound to webcomics.

Experience

- Dec. 2017 - Present (11 months) **Founder, MOTIONCOMICS.IO.**
- Bootstrapping **motioncomics.io**, a website for webcomic artists to create stunning and engaging motion comics.
 - Building the performant and intuitive user interface using HTML, CSS (Sass), JavaScript (ES6+), React, MDC Web, gulp and webpack.
 - Building the back-end using Heroku, AWS S3, Express, Node.js, Sequelize, PostgreSQL and GraphQL.
 - Using Google Analytics to track Key Performance Indicators (KPIs).
 - Integrating several third-party tools such as Paddle to manage subscription payments and SendGrid to send marketing emails.
- Feb. 2015 - Present (3 years 9 months) **Freelance Front-End Developer, GRADLE INC., CODE FOR AFRICA, TEENSWHOCODE, IDEATOLIFE.**
- Built the **TeensWhoCode website** and the user interface of the MVP of the TeensWhoCode online learning platform.
 - Worked on the implementation and maintenance of **gradle.com** and **gradle.org** — the web properties of Gradle Inc.
 - Built the open source tool **Doppler Maps** — a library to create choropleth maps for the web.
 - Built the data visualization dashboard of **Inbsr.org** — a web application to consolidate data on bariatric surgery across Lebanon.
 - Built the portfolio website **edsab.com** of a product designer based in Paris.
 - 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, CCT INTERNATIONAL, Beirut, Lebanon.**
- Worked with another intern on a web-based prototype of the BIM-based construction project control application **C3D Interactive**.
 - Built a responsive web interface with resizable and dockable interface components.
 - Wrote a parser in Java to extract 3D model data from a proprietary file format and rendered that data using WebGL.
 - 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, Bash, SQL, B_TX**.
- Front-End Experienced with **React, react-beautiful-dnd, MDC Web, D3.js** • Familiar with **Redux, antd, web3.js, jQuery, 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**.
- 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.**
- Took part in the *MEPI Tomorrow's Leaders* program (2012 - 2015) and studied at *Wayne State University* in Detroit (Summer 2013).
 - President (2013 - 2014), web developer (2012 - 2013) and member (2012 - 2015) of the *Association for Computing Machinery* club.
 - Volunteer at the Lebanese Red Cross, Youth Department (2014 - 2015).
- 2009 - 2012 **French Scientific Baccalaureate, Lycée Alphonse de Lamartine, Tripoli, Lebanon.**
- Specialized in Mathematics and graduated with high honors.
- 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 Gave the talk **Data Visualization for the Web with D3.js** at the third meetup of **MENA Devs** in Beirut, Lebanon.
- Summer 2012 **2nd place winner** (15% scholarship + iPod Touch) of the **Computer Science Summer Institute** at LAU.
- Summer 2011 **2nd place winner** (\$2000) of the **Google-sponsored CS4HS contest** at the University of Balamand.

Languages

- English ★★★★★ Full professional proficiency.
- French ★★★★★ Professional working proficiency.
- Arabic ★★☆☆☆ Limited professional proficiency.

Last updated on October 16, 2018
Accessible at chaficnajjar.com/resume.pdf