

Gabriel Silva Simões

Software Developer

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EDUCATION	University of Notre Dame — Notre Dame, IN Bachelor of Science - Major: Computer Science	Aug 2018 — May 2022
EXPERIENCE	Freelancing • Worked mainly in the development of web solutions for small clients, implementing both the front end and the back end in PHP or Node.js, using SQL databases to store the application data. • Acquired experience in customer relations, project management and dealing with requirements and deadlines.	Jan 2018 — Jul 2018
HONORS & AWARDS	30th International Olympiad in Informatics (IOI) — Japan — Silver medal • Most prestigious international Computer Science competition for High School students. • Gained more knowledge and experience in algorithms and data structures than what most Computer Science programs offer. 29th International Olympiad in Informatics (IOI) — Iran — 197th out of 300 Ibero-American Olympiad in Informatics (CIIC) 2018 — Gold medal Ibero-American Olympiad in Informatics (CIIC) 2017 — Gold medal (first place) National olympiads in Informatics, Mathematics, Physics, Chemistry and Astronomy — Brazil — Various medals	2018 2017 2015 — 2017
TECHNICAL SKILLS	<ul style="list-style-type: none">• C/C++ (4 years focused on competitive programming)• Go• Clojure• JavaScript• Bash	<ul style="list-style-type: none">• SQL• HTML/CSS• Linux• Git• Knowledge in Agile methods (XP)
LANGUAGES	<ul style="list-style-type: none">• English (Fluent)	<ul style="list-style-type: none">• Portuguese (Native)
PERSONAL PROJECTS	OBIJudge A local programming contests judging system. Features sandboxing based on Linux control groups, a back end server implemented in Go, and a web interface. re-frame-firebase A Clojure framework that integrates Google Firebase with the ClojureScript compiler. I was responsible for completely refactoring the code and integrating it with a fully new version of Firebase. gabrielsimoes.github.io My personal website. Features a system of automatic generation and deployment developed from scratch using Node.js, the Pug templating engine, the SCSS preprocessor, the Gulp automation toolkit and more.	