



Tomas Novella

Javascript and iOS developer

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📧 email preferred

📍 Prague, Czech Republic

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WORK EXPERIENCE

Javascript and iOS Development Salsita software

09/2013 – Present

Prague

Software consultancy, creating software for international customers

Achievements/Tasks

- Ebay[React + React Native]: Business intelligence apps (mobile + web), content under NDA, helped revamp dev process and overall structure of the ecosystem. Lead developer of the mobile app.
- AdblockBrowser for iOS[Swift, Objective-C, Typescript]: A browser that emulates Chrome extension API and allows for running of native chrome extensions. I co-developed the backend in this project of over 200k LOC of Objective-C and Swift. [↗](#)
- Browser Extensions [C++, Javascript]: Wrote several browser extensions including Autofill, that mirrors Chrome's Autofill and reverse engineered Chrome Synchronization API from C++ Chrome sources.
- Serrano[Javascript]: I designed and created a domain-specific language for easy extraction of data from the web focused on superior safety a extensibility, used by several companies, most notably Avast. [↗](#)
- Globe Tracker[React Native]: Wrote a mobile application in React Native for tracking containers overseas, used by installers all over the world. [↗](#)
- Other work: I conduct interviews, hold Javascript onboarding sessions for new hires, consult iOS company-wide, make estimates of business orders and present our company at various events (e.g HackerX).

EDUCATION

MS - Theoretical Computer Science Charles University [↗](#)

09/2010 – 09/2016

Prague, Czechia

Courses

- Master Thesis: Serrano - Web Data Extraction Language
- Programming in UNIX - shell scripting and C programming using POSIX API
- Writing own Operating system from scratch
- Machine Learning and Artificial Intelligence
- Bachelor Thesis: A Grid-based Path Planner (C++) - shortest path approximation in games
- Algorithms and Data structures

Erasmus - Angewandte Informatik Georg-August-Universität [↗](#)

09/2014 – 03/2015

Göttingen, Germany

Courses

- Computer Security
- German classes A2-B2

TECH SKILLS; 1-BEGINNER, 5-EXPERT

Javascript - 5

iOS development - 4

Algorithms & Data Structures - 3

Git - 3

Operating Systems - 3

Concurrency - 3

ACADEMIC PUBLICATIONS

ISD2017: User-friendly and Extensible Web Data Extraction [↗](#)

LANGUAGES

Slovak (C2)

Native or Bilingual Proficiency

Czech (C2)

Native or Bilingual Proficiency

English (C2)

Full Professional Proficiency

Hungarian (B2)

Professional Working Proficiency

German (B2)

Professional Working Proficiency

French (A2)

Elementary Proficiency

INTERESTS

Public Speaking

Scalability

Startups

Languages

Piano

Typography

Cryptocurrencies

Objective C runtime