Curriculum Vitae

Personal info

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Summary

Self-taught IT Professional with 3 years of experience specializing in front and back-end development for dynamic event-driven single page applications. My formal economics education led me down a path to analytics and data mining which in turn sparked a life changing interest in programming and web technologies. I write testable, maintainable and modular code and like to create logical and systematic solutions to complex problems. Lifelong learner with focus on cutting edge technologies and innovation.

- Technical conception and implementation of front-end product features, using a modern single page applications Web UI's architecture.
- Experience with agile process using Scrum methodology.
- Experience with version control systems.
- Understanding of software development life cycles.
- Strong knowledge in cross browser compatibility issues and W3C standards.
- Excellent experience in Restful Web services and implementing RESTful API's.
- Application and promotion of good development practices among the team and participation in front-end code reviews to provide qualified feedback to other team members.
- Ability to communicate effectively and clearly in English, both verbally and in writing.

Skills

Technologies:	Python, JavaScript (ES5, 6, 7), HTML5, CSS3, REST, SQL
Frameworks:	Google Cloud Platform, AngularJS, TypeScript, Firebase, AMP, Sass, d3.js, JQuery
Tools:	Grunt, Webpack, RequireJS, NPM, Bower, Git
Disciplines:	Math, Statistics, Probability, Game theory, Machine Learning, Artificial Intelligence

Experience

June 2015 - present

Brancher, Kiev, Ukraine
Co-founder, Full Stack Developer

Brancher lets you explore, manage and share your browser history in a totally new visual way. Powerful online research and websurfing tool. Fully secure and free browser history.

https://brancher.io
https://chrome.google.com/webstore/detail/dfanhpdcmhemhkjafmannijhneiplgec

RESPONSIBILITIES:

- Create back-end architecture with google app engine python platform
- Design, implementation of RESTful APIs (JSON, HTML, XML)
- Develop UI components, interface, navigation and data layer in a Single Page Application with AngularJS and AJAX
- Real-time data synchronization and multi-user collaboration with Firebase
- Complex visualizations and dynamic animations with d3.v4
- Development of a chrome extension using a wide range of chrome APIs
- Integration of third-party APIs (google+, google maps, facebook, youtube, pocket, amazon)

Education

2007 – 2011 Kyiv National Economic University / International Economics / Bachelor
2011 – 2015 Coursera / Machine Learning

Coursera / Introduction to Databases

Coursera / Introduction to Logic

Coursera / Algorithms: Design and Analysis

Coursera / Web Intelligence and Big Data

Coursera / An Introduction to Interactive Programming in Python

Coursera / Artificial Intelligence Planning

Udacity / Introduction to Artificial Intelligence

Udacity / Intro to Algorithms

Udacity / Web Development

Udacity / Intro to Statistics

Udacity / Artificial Intelligence for Robotics

Udacity / Design of Computer Programs

Edx / Introduction to Statistics

Edx / Artificial Intelligence

Khanacademy / Trigonometry

Khanacademy / Precalculus

Khanacademy / Calculus

Khanacademy / Statistics and probability

Khanacademy / Differential equations

Khanacademy / Linear algebra

Languages

English (professional)

Russian

Ukrainian

Accounts

Github: https://github.com/sokolandia
Stackoverflow: https://stackoverflow.com/users/1504867/andrewsokolowski

Hobbies

Hatha yoga

Skiing