Curriculum Vitae

Personal info

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Summary

Self-taught IT Professional with 5 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.
- Insight into best SEO practices.
- 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, HTML5, CSS3, REST, SQL
Frameworks:	Django, Node, Angular, TypeScript, Firebase, AMP, SCSS, d3.js
Tools:	Docker, Webpack, NPM, 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, nodejs and docker-compose
- Design, implementation of RESTful APIs (JSON, HTML, XML)
- Develop UI components, interface, navigation and data layer in a Single Page Application with Angular 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 maps, facebook, youtube, pocket, buffer)

*November 2017 -
January 2019*

Teoz Fund, Kiev, Ukraine
Front End Developer

Teoz is a crypto investment fund that makes it possible for everyone to easily join the world of decentralized economy.

https://buybank.io/

RESPONSIBILITIES:

- Implementation of complex data-driven single page applications for end users
- Implementation of internal backoffice applications
- Integration of Ethereum smart contracts into front-end applications
- Coding of site design with pixel perfect accuracy

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
Moral philosophy