Sergey Bukharov

sergeybukharov.com
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Projects

Portfolio Website

sergeybukharov.com

- Designed and implemented a **responsive**, **mobile-friendly**, and lightweight portfolio website
- Integrated multiple layers of front-end technologies and libraries, including **HTML5, CSS3, JavaScript, Bootstrap** and **JQuery**
- Applied **popular web-design trends**, such as hero images, hover animations, galleries and slideshows, responsive design, micro-interactions and smooth scrolling
- Implemented **SEO techniques** to improve search engine rankings

"quickCheck" Java spellcheck app

github.com/sbukharov/spellCheckProject

- Created, from scratch, a fully functional, highly scalable Java spellcheck application with an integrated dictionary, and functionality to add further languages in the future
- Greatly **optimized word search** and correction time through the use of Hashmaps, decreasing dictionary word lookup time to an incredible $O(1)$ per word
- Applied the Levenshtein algorithm to create a **versatile, intelligent correction** recommendation function that uses different approaches based on word length
- Designed a **graphical user interface** with text areas and custom buttons, complete with unique and interactive animations

Skills and Proficiencies

Web Technologies & Tools: CSS3, Bootstrap, HTML5, JavaScript, JQuery

Languages: Java, C, Javascript, SQL, PHP

Platforms/IDE's: Eclipse, UnrealEngine4, Brackets, Visual Studio Code

OS: Windows, Linux

Soft Skills: Writing, collaboration, extroversion, communication, problem solving, fluency in English, Russian, French

Work Experience

Team Member   April 2015 – August 2015
at the Unifarm Wholesale Distribution Center

- Earned job enrichment to more exclusive distribution area due to a consistent quality of work, high accuracy (measured through remarkably low error count), and ability to function at a high level in a team setting
- Exceeded typical item distribution and packaging quota in record time for a new employee, taking only three days to reach a proficiency level that management set as a two-week goal
- Regularly earned performance-based monetary bonuses, by exceeding the typical employee productivity level by 25%, with some days approaching 50%

Instructor   September 2010 – June 2013
at the Children's "Magic Forest" Educational Program at Club ERUDITE

- Consistently produced improvements in students' test scores, understanding and retention of coursework and materials in the areas of general science and the Russian language
- Co-ordinated the creation of interdependent, multidisciplinary lesson plans through collaboration and leadership among the group of Instructors
- Independently developed a methodical, well-organized educational program, lesson-plan and schedule
- Received consistent positive feedback on the interactive, hands-on and age-appropriate instructional methods applied from both my employer and the parents of my pupils

Education

British Columbia Institute of Technology   Sep 2015 – Apr 2018 (expected)
Bachelor of Technology Degree
Computer Systems Technology Diploma (Expected completion: Aug 2017)
- Grade Point Average (Percentage): 97%
- Recipient of $1000 scholarship for outstanding performance in provincial exams
- Earned entry into competitive "PEAK Leadership" program

Langara College   Jan 2014 – March 2015
Arts and Science Diploma in Commerce (52/60 credits)
- Earned Honor Roll status
- Paused progress to attend BCIT with intent to complete studies part-time

Hugh McRoberts Secondary   Sep 2007 – June 2012
High School Dual French-English Diploma
- Straight A's throughout all years at high school
- 94% average across all twelve Grade 12-level courses

Interests

Languages, Literature, Economics, Current Events/Politics, Karate