

REQUIREMENTS

Functional Requirements

The user shall be able to discover how to use the application from the "Usage" section, customize the theme, animation speed, and change which modules will be used in algorithms under the "Options" section. With a click on "Custom Code" section, the system enables the user to write, save, run and visualize her own code. The user shall choose various types of algorithms later to be visualized after clicking on the "Algorithms" section, add new nodes with the combination alt+left click or delete with the combination (??????)

Non-functional Requirements

The system shall be compatible with Windows and Linux; portable via a web browser; effective since visual learning is one of the three primary ways to learn*; modular due to the fact that Algorithms section and Custom Code section shares the same infrastructure; mostly predictable because of the fact that solid techniques are used for teaching; reliable by virtue of the successful testings; repeatable with rewind option; safe to use on account of not reaching additional information from the computer; understandable in view of easy navigation and included usage manual.

Technical Requirements

Operating System: Windows 7 and later are supported. Both x86 and amd64 (x64) binaries are provided for Windows. However, the ARM version of Windows is not supported. Linux is supported. Ubuntu 12.04 and later, Fedora 21, Debian 8 are guaranteed to work.

Hardware: for Windows An Intel Pentium 4 processor or later that's SSE2 capable 512 MB of RAM; for Linux An Intel Pentium 4 processor or later that's SSE2 capable

Cross-Browser/Platform Support (Firefox, Chrome)

1) <http://oedb.org/ilibrarian/hacking-knowledge/>

TSA LEAP LEADERSHIP RESUME – TEAM EVENT

The resume must be typed using 11pt Arial or Calibri font. For more information about how to complete the resume, visit this link: (<http://www.tsaweb.org/LEAP-competition-engagement>)

TEAM IDENTIFICATION

Team ID: T3044

Competitive event: Coding

Level: High School

LEADERSHIP EXPERIENCES (specific to a competitive event)

Internship at an insurance company to learn how to work with databases (Know).

Membership of coding websites, where one can solve five problems given by the website in limited time every week and track self-evaluation with a success graph (Be).

Organized a local computing competition including a preparation camp for three days (Do).

LEADERSHIP EXPERIENCES (connected to one or more of these categories: *Leadership Roles; Community Service/Volunteer Experiences; Leadership Development/Training; College/Career Planning*)

Community Service/Volunteer Experiences

Coordination of Avrasya Marathon and Istanbul Half-Marathon. (Do)