RUJU
JAMBUSARIA

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Bachelor of Computer Science | University of Waterloo

Projects

CodeSmart (HTML, CSS, JavaScript)   Feb 2017
Rochester Institute of Technology's WICHacks

- Developed a click-based web app whose purpose is to teach children to use simple "if-statements"
- Designed interface with simplicity and ease of use in mind
- Researched and implemented HTML, CSS and JavaScript through SDLC

SmartAlbum (SQL)   Dec 2014 - Apr 2015
Turner Fenton SS

- Created MS Access relational database to allow easy organization of photographs using SQL
- User-centric design incorporating menus for easy navigation, developed through scripting environment
- Implemented automated report generation based on queries requiring user input (ex. Organize photos by city or date)
- Wrote up documentation for all stages of PDLC

Game of 22 (Java)   Jun 2014
Turner Fenton SS

- Used Java to develop themed 2-player card game
- Incorporated a graphic interface, arrays, and multiple screens
- Designed varied theme-focused graphics using Adobe Photoshop
- Implemented features using Swing and Applet libraries

Achievements

Recipient of the University of Waterloo's President's Scholarship of Distinction for 95%+ entrance average   Sep 2016

Summary of Qualifications

- Programming Languages: Java, SQL, Scheme, and C; working knowledge in JavaScript, HTML, CSS, Bash scripting, C++, and VBA
- Tools: Linux shell, MS Office Suite, MS Visual Studio
- Knowledge of Software Development Life Cycle
- More than willing to learn about new languages and technologies

Course Experience

JavaScript (Intro to Drawing and Animation)   Mar 2015 - Apr 2015
Self-taught through KhanAcademy

Drawing, colouring, animation, interactive programs, texts and strings, functions, if statements, looping, arrays, objects, object-oriented design

Experience

MLH Booth Ambassador   Mar 2017
StarterHacks, University of Waterloo

- Self-taught and demonstrated usage of the Oculus Rift VR headset to delegates of the event
- Gained experience in functionality and organization of various hardware equipment (ex. Arduino, Alienware, Amazon Echo, Leap Motion)

Secretary General   Dec 2014 - Apr 2016
Peel Model UN Conferences, Turner Fenton SS

- Founded annual region-wide Peel Model UN conference for 100 people
- Led team of 12 to successfully organize conference
- Developed and implemented budgeting techniques in order to improve workflow and communications throughout the team (ex. budgeting spreadsheet)
- Designed website considering factors of visual appeal and easy organization to promote required content
- Vice-chair of UN committee, heading strategic argument analysis and rebuttal
- Delivered speeches for opening and closing ceremonies

Interests

Member of UW Acapella   Sep 2016 - Present
Currently learning Mandarin and Spanish   Apr 2017 - Present