Stephanie Dilsner

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Education

Bachelor of Arts & Science – Interactive Systems Design, Minor in Studio Art
University of Saskatchewan, Saskatoon, SK
Graduating April 2016

Skills

Technical Programming Skills

- **Programming languages:** Proficient with C++, Java, JavaScript, CSS, HTML
- **Development Methodologies:** Experience with Agile software development, Object-Oriented Programming, web frameworks such as WordPress, Model View Controller architecture
- **IDEs:** Visual Studio, Eclipse, Netbeans, XCode, Android Studio, Unity
- **Version Control:** Practical experience with version control systems such as GitHub
- **Computer Science Concepts:** practiced with pointers, data structures (lists, stacks, trees, queues, records), objects, Big-O notation, traversals, binary search, bubble sort, hash tables, using libraries and APIs, recursion, polymorphism, inheritance, aggregation, dependences

Interface Design Skills

- **Graphic Design:** Proficient with both bitmap and vector based design concepts including experience with Adobe Photoshop and Adobe Illustrator
- **Design Principles:** Skilled with the practical application of User Experience Design Principles
- **Design Prototyping:** Practiced with translating user requirements into wireframes and mock ups. Experience using Visio and Axure for rapid prototyping.

Project Examples

Interactive Facial Expression Recognition Project

- Built an interactive multimedia system using a developer's edition of the Intel RealSense 3D camera and facial recognition APIs to detect facial expressions and moods and play corresponding music as part of an interactive media system for an Extended Media II course.

Collaborative Causal Loop Diagram Builder

- Created a collaborative simulation model diagram designing system built on top of the Google RealTime API for a Project Design and Implementation course (in progress-completion April 2016).

Virtual Pantry Web Application

- Designed and developed a virtual pantry system that allows the user to keep track of groceries they have by scanning barcodes on grocery items with a Bluetooth scanner as part of a Graphical User Interface design course.

Work Experience

Web Designer   2008 – present

- Creating web sites for small businesses and organizations. Originally created sites using Dreamweaver, combined with manually coded HTML and CSS, and more recently have moved to WordPress as a Content Management System.

Lifeguard & Swimming Instructor   2011 – present
PSP, Wing 17 Detachment Dundurn, SK

- Taught children how to swim, led exercises for military personnel, and performed administrative work as the Head Lifeguard.

Elections Worker   May 2011 – August 2015
Government of Canada and Government of Saskatchewan

- Worked at federal and provincial elections as a Registration Officer, Data Entry Clerk, Enumerator, and was chosen to be featured as part of the election worker training video.

Pharmacy Assistant   January 2012 – May 2013
33rd Street Medicine Shoppe Pharmacy, Saskatoon, SK

- Communicating with and assisting customers, preparing prescriptions, and operating the till.

Extra-Curricular

Computer Science Students' Society (CSSS) Executive   September 2014 - present
- Designed all brochures and advertising for the Computer Science Career Fair and contributed to planning events.

Swimming
- Enjoy swimming both for exercise and for competition on the inner tube basketball and water polo teams.

Mentor   September 2015 - present
- Mentor high school students weekly on personal growth and community outreach.

Creating
- Enjoy hands-on practical creative projects ranging from cooking, printmaking, t-shirt design, interior design, & painting.

Awards & Achievements

Golden Key Society   2015
Awarded to students in the top 15% of their University program

Greystone Scholarship   2012
Awarded to students with over a 95% average in high school

Certifications

Canadian Red Cross - Standard First Aid & CPR/AED Level C
National Lifesaving Association Certification (NLA)
Water Safety Instructor Certification (WSI)
Food Safety Certification
WHIMIS Certification

References

Please contact for references.