

Rhett Krushen

REGINA SASKATCHEWAN
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EDUCATION

Bachelor of Arts – Creative Technologies, University of Regina. April 2021

CDI College of Business & Technology – Programmer Diploma, November 2001

SIAST – Computer Systems Technology - Attended December 2002

AREAS OF SPECIALIZATION/AREAS OF RESEARCH INTEREST

Game based learning design (Virtual Reality Environments)

Arduino hardware and custom CAD design and 3d prints for Arduino

Simulated learning experiences

RESEARCH EXPERIENCE

Use of Force Virtual Reality Training and Simulation Research January 2017-

Present – RCMP Lead Collaborator

Joint University of Regina/University of British Columbia/Royal Canadian Mounted Police/Defense Research and Development Canada Engineering Use of force specific controllers to be used in a dedicated simulated Training environment built in the unity 3d game engine.

PI: Dr. Megan Smith UBC, Creative Studies, Media Studies

Undergraduate Research, University of Regina,

September 2020 – Present

Immersive virtual reality experience built in Unity3D using biometric sensors to control the environment through pulse and sweat gland (GSR) measurements

WORK EXPERIENCES

Multimedia Designer,

Royal Canadian Mounted Police, January 2003 – Present

Design and maintain interactive web-based learning products and games-based learning solutions for the Cadet Training Program. Providing functional direction/advice on instructional technology and interface design to managers and project teams and assist in the development of technological products and programs which effectively contribute to the Cadet Training Program. Scenarios creation for the RCMP driving simulators using proprietary software for programming. Edit 3D maps and vehicular models within the driving environment using 3d modeling software

SCORM Conversion,

Simon Pare, February 2016 – February 2017

Contract position – converting and upgrading online learning material into SCORM based learning materials to meet the current needs Government of Canada learning management systems.

Computer Installation/Maintenance

Self Employed November 1999 – Present

Assembling customized desktop PC's. Installing hardware upgrades and general maintenance. Inoculating viruses, file system maintenance/repair in Windows computers. Small Network (LAN) Installation and maintenance.

Fitness Coordinator (maternity leave)

YMCA, February 1999 – June 1999

Conducting general fitness tests on clients. Develop and implement customized program designs for clients. Design displays to promote services for members. Scheduling volunteers for leading fitness classes

Wellness Coordinator (internship)

SIASST Wascana Campus, January 1999 – April 1999

Researching facility standards and specifications, Establish and maintain recreation leagues, schedules, Create intramural special events for students. Weight room/facility orientations and design weight training programs for students.

PROFESIONAL DEVELOPMENT/CERTIFICATIONS

VR High Immersion Developer NanoDegree – Udacity - March 2019

UNITY 3D Mastery Course – Unity3d.college – July 2017

UNITY VR Wizard Course – Unity3d.college – November 2017

Autodesk 3ds Max Design Fundamentals Training – Imaginit Technologies – February 2015

Certified Fitness Consultant

National Coaching Certification Program Level 1,2 & 3 Physical Training Theory

N.C.C.P. – Level 1 & 2 Technical for Basketball

MEMBERSHIPS

International Security Simulation Technologies Group (ISSTG)

VOLUNTEER ACTIVITIES

Regina Water Polo Association – Board Member

RCMP Depot Golf Tournament committee – Organizer, Treasurer

Coaching - Basketball and Hockey – Various age groups

REFERENCES

Greg Kratzig, Ph.D. Greg.Kratzig@rcmp-grc.gc.ca

Director of Research and Strategic Partnerships, RCMP Depot Division,
PO Box 6500 Regina SK, S4P 3J7 (306) 555-8783

Megan Smith, Ph.D. megan.smith@ubc.ca

Associate Professor Creative Studies, Media Studies, University of British Columbia,
3333 University Way, Kelowna BC, V1V 1V7 (250)807-8000

Christine Hudy, M. Ed. Christine.Hudy@rcmp-grc.gc.ca

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