

Ryan Whitell

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SUMMARY OF QUALIFICATIONS

Technical Skills:

- Proficient with SQL, C/C++, and C# for agile development
- Familiar with R and Python for AI and ML applications

Applied Skills:

- Instinctive teamwork and leadership skills coupled with a strong work ethic developed from playing hockey at the professional level

WORK EXPERIENCE

Software Developer, Victoria, BC 2017-2018

SSI – Worked on Autodesk based shipbuilding and 3D modeling software. Employed on the database team curating the datalayer using C/C++, C#, and TSQL in an agile environment. Directly involved in client database performance improvement efforts.

Professional Athlete, Columbus GA, Lund Sweden, et al. 2015-2017

Multiple Teams – Represented a community on and off the ice. Frequently attended media and charity functions. Community involvement also included school and hospital visits. Learned leadership and teamwork skills while being a part of collegiate and professional hockey organizations.

Research Fellow, Northfield, VT 2015

Weintz Research Fellowship – Submitted a proposal detailing an engineering problem and solution. Won a fellowship as a Weintz scholar. Developed a novel real-time location tracking algorithm in MATLAB that utilizes a team of formation flying drones. Proved the concept using Raspberry Pi's and XBee RF modules. Learned Linux and Python skills. Body of work is being continued by fellow engineers at Norwich University.

EDUCATION

Regis University, Denver, CO

Masters of Science in Software Engineering (Thesis in Progress) GPA 4.00

Bachelor of Science in Computer Science (2017) GPA 3.99

Norwich University, Northfield, VT

Bachelor of Science in Electrical and Computer Engineering (Transferred 2015) GPA 3.95

- 2014-2015 Jr Engineer of the Year (deferred due to transfer)
- 2013-2014 NU Sophomore Award (Highest Sophomore Academic Average – 4.0)

CERTIFICATES & HONORS

Engineering

- Initiated into Etta Kappa Nu and Tau Beta Pi Engineering Honor Societies 2015
- Chosen to represent the engineering department for ABET re-accrediting 2015

Certifications

- Udacity Deep Learning Nanodegree Graduate 2019

College Hockey

- New England College Writers All Star Team and Second Team All-Conference 2014

Canadian citizen – USA permanent resident