Joel Gallant

CONTACT

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WORK EXPERIENCE

FIRST Robotics Western Canada   May 2014 — Present
Regional Assistance and FIRST Senior Mentor

Responsible for organizing, coordinating and planning the Western Canadian region. This includes and is not limited to:

- Social Media & Team Communications
- Team, Student, Volunteer and Mentor Recruitment
- Inter-program Connections
- Technical Support & IT
- Budgeting
- Team Mentorship, Technical and Non-technical Public Workshops

Alberta Distance Learning Centre, AO Shirley   June 2013 — August 2014
Curriculum Development

Was solely responsible for development of 6 CTS High school courses, all implemented by ADLC (Alberta Distance Learning Centre) in the 2013-2014 year. Courses were centred around electronics, programming and project development - with special emphasis on the FIRST Robotics Competition. Further course development was made in 2014, with 7 new courses are being implemented.

PROJECTS

ATALibJ
Java library written for FRC teams, creating a good base to work from. Uses a lot of design patterns and was built as a high quality code base.
https://github.com/frc-west/atalibj

Qualifications

- DELF, Diplôme d'études en langue française - Strong french comprehension and communication
- Public speaking experience at over 10 public events
- Experience teaching Python and Java through curriculum and in-person training
- Experience with hard labour, heavy lifting and very physically capable

EDUCATION

High School Diploma   Sept 2011 — May 2014
Bishop Carroll High School

INTERESTS

Programming
I have programmed since 2011, and have always had a passion for solving problems using computers.

FOSS, Free Software, Open Source, Linux
For years I have been passionate about the moral and practical missions of free software.

Hardware
I have worked on many desktop computers and have a good understanding of most basic electronics and computer hardware.

REFERENCES

References available upon request.