

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 Recruitment
- Student Recruitment
- Mentor Recruitment
- Program Expansion
- Inter-program Connections
- Technical Support
- Information Technology
- Team Communication
- Community Team Management
- Resource Management
- Accounting
- Budgeting
- Regional Mentorship
- Workshops

Alberta Distance Learning Centre, AO Shirley

June 2013 — Present

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.

FIRST Robotics Western Canada

May 2013 — June 2013

Internship

Was responsible for small-time work including:

- Grant writing
- Team communication
- Small to-do tasks

Calgary Fringe Festival

Summers of 2010-2013

Labour

Various theatre setup jobs and staging. Experience with moving and hard labour.

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>

Gordian

Lightweight portable scripting language interpreted and run inside of Java with minimal dependencies.

<https://github.com/Team4334/gordian>

Qualifications

- DELF, Diplôme d'études en langue française - Strong french comprehension and communication
- Trained in CPR & First Aid
- Excel skills for data input, analysis, charting and calculations
- Public speaking experience at over 10 public events
- 3 years of FRC Robotics programming - includes web development, embedded systems, data analysis and language development oriented language written using Java 1.4 with limited libraries
- 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
Bishop Carroll High School

Sept 2011 — May 2014

INTERESTS

Programming

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

Computer Science

I have studied computer science at different levels since 2012, and have completed university level courses on-line.

Data analysis

FRC (FIRST Robotics) has given me quite a bit of experience examining data and making conclusions.

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.

Extra-curricular interests

- Chess
- Basketball
- Golf
- Weightlifting / Powerlifting

REFERENCES

References available upon request.

OTHER VERSIONS

[HTML](#)

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