

Kyle Storrier

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github.com/Kyle-Storrier

Education

University of Calgary (September 2016-Present)

- BSc., Computer Science with a Pure Math Minor (Expected Graduation: April 2020)
- Coursework: Advanced Introduction to Computer Science, Calculus I and II, Discrete Math, Linear Methods I and II, Statistics, Logic I, Business Venturing, Data Structures, Algorithms and Their Analysis, Computability, Probability, Computer Architecture and Low-Level Programming, Programming Paradigms, Economics, Distributed Algorithms (unofficial audit)
- GPA: 4.0

Technical Skills

- **Programming Languages:** Java, Python, C#
- **Tools:** Visual Studio, Eclipse, git
- **Operating Systems:** Windows (10, 8.1, 8, 7, Vista, XP), Linux (Fedora, OpenSUSE, Linux Mint), Mac OS X

Projects and Presentations

- Developed modular Java software that allowed robots controlled by an embedded Linux system to perform in autonomous and teleoperated modes
- Led a multidisciplinary robotics team as captain and lead software developer (2012-2016) winning 12 awards including Winning Alliance Award, Chairman's Award, and Motorola Quality Award
- Collaborated with a software development team using the git version control system
- Presented *Building Competitive Robots With Limited Resources* at MechFest and FIRST West Symposium
- Completed an advanced Linux workshop and the *Bandit* wargame using Linux
- Built a personal website using the Jekyll website generator, Markdown, HTML and JavaScript
- Taught students age 9-15 years old how to build and program LEGO Mindstorms robots

Awards and Honors

- **Scholarships 2016-2017:** University of Calgary President's Scholarship, Gerald Roberts Mortimer and Victor Emanuel Mortimer Entrance Scholarship, Rutherford Scholarship, Diabetes Hope Foundation Scholarship, Vivian Stevenson Scholarship
- **High School Graduation Valedictorian:** GPA Based Selection (2016)
- **Alberta Distance Learning Centre (ADLC) Awards:** Top Mark Award in Robotics 1, Robotics Applications, and ELT Project A (2013-2014), Honors in Career and Technology Studies (2013-2014)

Volunteer Work

- **FIRST Robotics Competition (FRC) and FIRST Tech Challenge (FTC):** Software Mentor (2015-Present)
- **Day Camp:** Sound technician and science station leader for 80 children age 5-12 years (2016-2017)
- **Airdrie Fest:** Provided children's entertainment with robots (2012-2015)
- **FIRST LEGO League (FLL) tournaments:** 2013 (set up) and 2014 (referee assistant and practice supervisor)

Work Experience

Rob's No Frills: Grocery Clerk (March 2015-July 2016) - Stocked shelves and provided customer assistance

Airdrie Echo: Paper Carrier (April 2007-October 2014) - Delivered a weekly newspaper to 170 houses

Certifications

CompTIA A+

- Completed course work and examinations to be an A+ certified computer repair technician (2014)