Kyle Storrier

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github.com/kyle-storrier

Education

University of Calgary (September 2016-Present)
- BSc., Computer Science with a Mathematics 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, Computing Machinery I and II, Programming Paradigms, Economics, Design and Analysis of Algorithms, Combinatorics and Graph Theory, Software Engineering
- GPA: 4.0

Work Experience

- **Google:** Software Engineering Intern (May 2019-August 2019) - TBD
- **Google:** Engineering Practicum Intern (May 2018-August 2018) – Kitchener-Waterloo, Ontario, Canada
    - Enhanced the user interface for Gmail Offline using CSS and JavaScript with the Closure Library.
    - Developed and maintained unit tests written in JavaScript using JSUnit.
- **Rob's No Frills:** Grocery Clerk (March 2015-July 2016) – Airdrie, Alberta, Canada
    - Stocked shelves and provided customer assistance.

Technical Skills

- **Programming Languages (Proficient):** Java, JavaScript
- **Programming Languages (Used):** Python, Haskell, Prolog, C#, C, ARM Assembly Language, HTML, Markdown
- **Tools:** Google Closure Tools for JavaScript, Eclipse, git, Visual Studio
- **Operating Systems:** Windows (10, 8.1, 8, 7, Vista, XP), Linux (Fedora, OpenSUSE, Linux Mint), macOS

Projects and Presentations

- 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
- Created modular Java software that allowed robots controlled by an embedded Linux system to perform in autonomous and teleoperated modes
- Presented *Building Competitive Robots with Limited Resources* at MechFest and FIRST West Symposium
- 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 through outreach events, workshops, and community robotics challenges

Awards and Honors

- **Scholarships 2017-2018:** Louise McKinney Scholarship, Gerald Roberts Mortimer and Victor Emanuel Mortimer Scholarship, University of Calgary Undergraduate Merit Award
- **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)

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)