

Justin Schellenberg

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Objective: As a recent graduate with a BSc in Applied Computer Science, I am seeking a position where I can both utilize and further develop the skills I have acquired through both my education and varied project experience.

Skills and Qualifications:

- Java, JavaScript, JQuery HTML, CSS, Bootstrap, JSON (3 years)
- SQL, MySQL, SQLite MongoDB (2 years)
- Node, Es6, Jekyll, Sass, AJAX, MVC (1 year)
- Express, Pug, RESTful API, Angular, Ionic, TypeScript, Phaser (6 months)
- Git, Github, IntelliJ, Webstorm (3 years)
- Linux CLI (3 years)
- Software Design Patterns (2 years)
- Test Driven Development, Mocha, Chai (1 year)
- Gulp, Travis-CI, Babel (1 year)
- Docker, Git-flow Ubuntu VPS (6 months)

Project Experience:

Canadian Federation of Medical Students (CFMS) — <https://www.cfms.org>

Organization representing over 8000 medical students

- Skills/technologies used: JavaScript, Es6 JQuery, HTML, CSS, SASS, Jekyll, JSON, Gulp, Babel, Travis-CI.
- Analyzed, coded, and rectified approximately 40 Github issues within a 6 month period.
- Coordinated and maintained codebase with 4 other contributors.
- Regular consultation and collaboration with CFMS Senior Information Technology officer regarding various issues
- Developed and maintained Jekyll application with Firebase and Cloudfannon integration.
- Applied and integrated design patterns to codebase, resulting in 50,000 total deletions over 336 commits to project.
- <https://github.com/cfms-website/cfms-website.github.io>

Express Course Rating API

API to allow end users to perform create/read/update operations on three resources: users, courses and reviews.

- Skills/Technologies used: JavaScript, Node, Es6, MVC, RESTful API, Express, MongoDB, Mocha, Chai, Babel, Travis-CI, JSON.
- Programmed codebase following MVC pattern. Implemented Express as controller, mongoose as model, and passed JSON back as the view.
- Adapted and coded project adhering to RESTful verb/noun design guidelines.
- Created and Integrated Mocha/Chai tests into project resulting in 92% code coverage across the entire codebase.
- <https://github.com/Jrschellenberg/CourseRatingAPIUsingExpress>

SatoshiBot

Trading bot implemented in Node to trade cryptocurrency using a cryptocurrency exchange API

- Skills/Technologies used: JavaScript Node, Es6, RESTful API, Mocha, Chai, JSON, Babel
- Programmed Node based API interface for <https://tradesatoshi.com/> RESTful API.
- Analyzed, calculated, and then created a trading algorithm which generated profit, however, was affected by cryptocurrency market risk.
- Applied Test Driven Development practices to project, avoiding production bugs, and profit loss.
- <https://github.com/Jrschellenberg/SatoshiBotPublic>

Education:

- 3-Year BSc in Applied Computer Science, 2017 (University of Winnipeg, MB)
- High School Diploma, 2009 (Grant Park High School, Winnipeg, MB)

Employment History:

2017-Present (Full Time)	Canadian Federation of Medical Students (Remote Contract Web Developer) Ottawa, Ontario
2015-2017 (Seasonal)	Pool Pros (Liner Crew Foreman) Winnipeg, Manitoba
2014-2015 (Full Time)	SFE Global (Field Technician) Winnipeg, Manitoba (Head Office in Edmonton, Alberta)
2005-2013 (Seasonal)	Krystal Klear Pools & Services (Service Technician) Winnipeg, Manitoba

Interests:

- I am a Member of Goodlife fitness. I work out roughly 4-5x a week for physical and mental stress relief.
- I am a Blockchain/Crypto enthusiast and miner. My most recent project I collaborated with a team of other coders from all over the globe, becoming the web developer/designer for the project.
- I enjoy playing piano. In my spare time I enjoy learning solo pieces, most of which written by composer Nobuo Uematsu. I also enjoy playing for others and have competed in Tauber music festivals.
- For more information. Please visit my website at <https://justin.schellenberg.site>

References:

Pavel Yarmak (204) 698-1526	Canadian Federation of Medical Students (Information Technology Senior)
Shelley Stewart (204) 995-7743	iQMetrix (Launch Specialist/Technical Analyst)

More references available upon request