

# JAEOYOUNG KIM

## Contact

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## Summary

I am a passionate, and fast-learning full-stack developer who like problem solving and tackle the challenge. I also studied the degree of Engineering and worked in manufacturing industry where I tried to improve the manufacturing process by managing projects and working as a team. Another work experience from start-up company, 'MicroTraffic' where I sorted and analyzed the traffic data. From my past work experience, I saw programming is one of the key ability in most of industry, so I took full-stack development bootcamp and found interesting in React and backend.

## Skills

**LANGUAGES:** Javascript, Ruby, Python, HTML, CSS  
**FRAMEWORKS, LIBRARIES AND ENVIRONMENTS:** NodeJS, ReactJS, Rails, Ajax, Express, EJS, JQuery  
**SYSTEMS, CMS, DATABASES:** MySQL, Postgres, Git, npm  
**TESTING:** Mocha/Chai, Storybook, Jest, Cypress  
**ENGINEERING:** SolidEdge, AutoCAD, SolidWorks

## Awards

University of Manitoba ·  
Dean's Honors List for Faculty of 2010 Science

University of Manitoba ·  
Guertin Centennial Entrance Scholarship 2008

University of Manitoba ·  
Top 100 in the Manitoba Mathematical Contest 2008

## Education

**University of Manitoba** Sept. 2008 to May 2017  
Bachelor of Science Biosystems Engineering  
focus in Bioprocessing

**Lighthouse Labs** Aug. 2020 to Nov. 2020  
Diploma: Full Stack Web Development

## Employment

**Palliser Furniture Upholstery** Winnipeg MB  
**Process Engineer** June 2017 to Aug. 2020  
- Reviewed the plant layout and work flow and proposed the recommendations to improve the work flow and save 20% of space  
- Compiled a comprehensive data set of manufacturing times by completing time studies of manufacturing processes and created labor calculator using collected data  
- Reviewed or prepared the process flow diagrams and provided recommendations to improve the process flow

**MicroTraffic** Winnipeg MB  
**Data Entry Specialist** Nov. 2018 to Sept. 2019  
- Observed the traffic footage and documented the traffic activity using MS Word and Excel  
- Operated the traffic analytics software and tested new features for the feedbacks  
- Analyzed the data and recommended what needs to be updated for the report template and software function

**Hetek Solutions Inc** London ON  
**Field Surveyor** Summer 2014 to Summer 2015  
- Operated survey instruments (DP-IR, GNSS, and GPS) to detect potential risks such as gas leaks or gas explosion and performed gas leak classification when leaks were found  
- Worked closely with other team members and planned schedules together to ensure the project completed on time in the regular tailgate meeting

## Projects

**Interview Scheduler**  
A Scheduler that user can create, edit, and delete interview appointments.  
Front-end: HTML, SCC, React  
Back-end: Node, Express, SQL  
TEST: Jest, Storybook, Cypress

**Password Keeper**  
A website that user can generate the password by required pattern, save it with account information and share the information among the same organization  
Front-end: HTML, SCC, EJS  
Back-end: Node, Express, SQL, jQuery

**Tweeter**  
Tweeter is a simple, single-page Twitter clone.  
Front-end: HTML, CSS, JS, jQuery, AJAX  
Back-end: Node, Express, MongoDB

**TinyApp**  
TinyApp is a full stack web application built with Node and Express that allows users to shorten long URLs  
Front-end: HTML, EJS, Javascript  
Back-end: NodeJS, Express  
TEST: mocha/chai