

# SHOHEI MOCHIZUKI

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Full stack developer with 8 years of work experience in data analytics and project management fields. Earned a certificate in Full Stack Web Development from the University of Toronto in addition to 2 Masters of Engineering from institutions in Japan and France. International engineer who loves solving problems by collaborating with all the stakeholders and is eager to learn new things and to develop his professional skills.

## TECHNICAL SKILLS

HTML, CSS, Bootstrap, JavaScript, jQuery, Node, Express, React, REST API, MySQL, NoSQL, MongoDB, JEST, GraphQL, JWT, Git, GitHub, Visual Studio Code, Handlebars, Object Oriented Programming, Model View Controller, Progressive Web Application, Agile methodology, Scrum, Python, R, Google App Script, BigQuery, Data Studio

## PROJECTS

### **Getaway | [github.com/shohei-mochizuki/getaway](https://github.com/shohei-mochizuki/getaway) | [getaway.herokuapp.com](https://getaway.herokuapp.com)**

- Summary: Travel agency demo site for selling travel packages. Users can see a list of travel packages as well as their details. All users can go to a demo checkout session and complete a transaction process using [stripe](#). Loggedin users can bookmark packages, too.
- Tools: HTML, CSS, Bootstrap, JavaScript, jQuery, Node, Express, React, NoSQL, MongoDB, GraphQL, Model View Controller
- Role: Project leader

### **Traveler's Choice | [github.com/shohei-mochizuki/TravelersChoice](https://github.com/shohei-mochizuki/TravelersChoice) | [travelerschoice.herokuapp.com](https://travelerschoice.herokuapp.com)**

- Summary: User review and rating site for travelers. Logged in users can post reviews and ratings on countries they have visited and these countries are ranked. All users can see the reviews and rankings.
- Tools: HTML, CSS, Bootstrap, JavaScript, jQuery, Node, Express, REST API, MySQL, Handlebars, Model View Controller
- Role: Project leader

### **10 things to do in Toronto | [github.com/shohei-mochizuki/10things-todo-in-toronto](https://github.com/shohei-mochizuki/10things-todo-in-toronto) | [shohei-mochizuki.github.io/10things-todo-in-toronto](https://shohei-mochizuki.github.io/10things-todo-in-toronto)**

- Summary: Event list website using third-party APIs ([SeatGeek](#) and [OpenStreetMap](#)). Users can see 10 events in Toronto for the weekend and find their locations in a map.
- Tools: HTML, CSS, JavaScript, jQuery, TailwindCSS, Third-party APIs
- Role: Technical leader

## EXPERIENCE

### **Program Manager | Twitter | Toronto, Canada**

2022-2023

Managed Twitter's misinformation policy programs and projects by closely working with all the related teams and created reports on both emerging trends and content moderation results.

#### Key Accomplishments:

- Collaborated with all stakeholders for Election Misinformation policy and shared concerns and blockers in advance so that no major issues happened around the election day.
- Conducted root cause analysis on critical errors of content moderation and created detailed reports as well as improvement plans, which resulted in a reduction of errors.
- Analyzed misinformation contents on Twitter by using SQL and regular expression, which enabled the related teams to follow the latest trends and keep the policies updated.

### **Data Analyst | Cognizant | Toronto, Canada**

2018-2022

Analyzed data and controlled quality of content moderations on Twitter. Acted as a point of contact between Twitter and its vendors and created reports for all the stakeholders.

#### Key Accomplishments:

- Collected and analyzed content moderation data and created reports using Data Studio, which let everyone see the latest information, identify issues and create improvement plans.
- Attended Twitter-wide Kaizen events to discuss opportunities and solve issues. Improved quality and efficiency of content moderation by eliminating redundancies in the work flows.
- Created a quality control system from scratch using Google App Script and spreadsheets. This saved time for quality analysts as well as managers and made data more accessible.

### **Civil Engineer | JGC | Tokyo, Japan**

2014-2017

Managed vendors' quality of civil and structure designs. Solved issues by conducting root cause analysis and created detailed reports with recovery plans and/or alternative designs.

#### Key Accomplishments:

- Acted as a point of contact between clients and design vendors to make sure their design follows clients' requirements. Close communication enabled us to find design deviations and errors at an early stage of the project and to fix them without making any major delays.
- Controlled quality and progress of constructions and suggested measures to clients in case of critical errors or delays. These recovery plans and alternative designs made it possible to complete the construction project of USD 2.0 billion on time.
- Simulated structure designs using 3D structural analysis software and reviewed all results so that the products have no issues and meet all requirements at the delivery.

## EDUCATION

**Certificate, Full Stack Web Development** – The University of Toronto

**Master of Engineering, Civil Engineering** – The University of Tokyo

**Master of Engineering, Civil Engineering** – Ecole des Ponts ParisTech