Misato Okutsu

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PROFILE

- Developer with 2 years of experience with Python and JavaScript, currently in UX role and looking to get back into a web developer role
- **Languages:** JavaScript (ES5, ES6+), HTML5, CSS3, Python, SQL
- **Frontend Tools/Frameworks:** React, NPM, Babel, Webpack, Jest, Bootstrap
- **Backend Tools/Frameworks:** Django / Django REST, PIP, Flask, Postgresql
- **Workflow:** Version control (GIT, github, git flow), experience working with Agile methods

WORK EXPERIENCE

Online Experience (UX) Analyst

The Home Depot
Toronto, ON
2018 - Present

- Develop ux strategy for 4 shopping departments using web analytics data, heat maps, A/B testing and other data points
- Work collaboratively within multiple stakeholders and other teams for execution of wireframes, taxonomies and other changes proposed

Full-Stack Web Developer

G Adventures
Toronto, ON
2016 - 2018

- Develop web applications used by global operations and finance teams
- Used python (Django MVT framework, Django REST) to implement backend logic
- Developed frontend using JavaScript, HTML, CSS (SASS, Bootstrap)
- Used git, github, to maintain version control and collaborate effectively Worked with other software teams and external APIs to develop new integration, and maintain flow of data between systems
- Followed kanban-style Agile work methodology
- Worked with team mates to develop team coding style, contribute knowledge to team wiki and documentation
- Provided technical support on a rotational basis, investigating root causes for user-submitted issues, implementing fixes and data correction
- Improved test coverage (wrote unit tests, integration tests), refactored legacy code, upgraded dependencies to improve site reliability
- Worked closely with end users to design, plan out, and review new features, fixes

Junior Full-Stack Developer

BizXPro
Toronto, ON
2016

- Developed and fixes for BizXPro, an early stage startup and online platform that connected IT service providers with businesses seeking IT services
- Wrote backend features, functionality using python (Django, Django REST)
- Converted UI designs into frontend features using JavaScript (React, NPM, Webpack, Babel, JSX)
- Wrote unit tests using Jest, Enzyme for JavaScript, python Unit Test library for backend
- Used git, github for version control and docker to maintain local environments
- Followed agile work methodologies, working closely within small team
- Deployed features using Heroku and Circle CI pipeline

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Teaching Assistant

**Bitmaker GA
Toronto, ON
2018 - Present**

- Provide teaching support for part-time course for Front End web development
- Support students as they learn to use HTML, CSS, and JavaScript
- Answer technical questions, share knowledge, and help students solve problems
- Foster a positive learning environment, empower students to keep learning

Workshop Mentor

**Bitmaker GA
Toronto, ON
2016 - 2018**

- Mentor introductory level HTML, CSS workshops and full-day Introduction To Programming with JavaScript workshops
- Provide support to 15 - 60 students per workshop, answering questions, and helping students with bugs they encounter
- Create a positive learning environment, encourage students to ask questions
- Help people feel empowered and inspired to learn more about technology

Geotechnical Engineering Designer (EIT)

**Klohn Crippen
Berger
Toronto, ON
2013-2016**

- Worked in multidisciplinary teams to understand key problems or constraints, and design effective, practical solutions for clients in the mining sector
- Conducted literature reviews, data collection, site investigations, engineering calculations to establish baseline site conditions, develop engineering designs
- Prepared technical reports summarizing recommendations
- Provided on-site construction QA for successful execution of designs, working directly with construction teams, client representatives
- Assisted with project managment through task budget, schedule tracking

Junior Environmental Consulting (EIT)

**Golder Associates
Ottawa, ON
2012**

- Conducted Phase I & II Environmental Site Assessments (ESAs) for assessment of former industrial sites in the Ottawa region
- Review and interpretation qualitative and quantitative historic data, identify potential sources of contamination and report findings

EDUCATION

User Experience Design Coursework (2018)

George Brown College, Toronto, Ontario

- Courses taken including Fundamentals of User Experience Design, Usability Testing, and Information Architecture

Web Development Immersive Program (2016)

Bitmaker Labs, Toronto, Ontario

- Learned basic concepts of web development using tools and technologies such as ruby, Ruby on Rails, Postgres, HTML, CSS, Heroku and Github

B.Sc.Eng., Geological Engineering, First Class Honours (2012)

Queen's University, Kingston, Ontario