

PETER JIANG

DEVELOPER INTERN

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📍 Saskatoon, SK

🌐 peter-jiang.com

WORK EXPERIENCE

Web Development Intern

UNUHR Inc.

📅 Feb 2025 - current

📍 Toronto, ON (remote)

- **Led** a team of three developers in redesigning and developing a dynamic **WordPress-based** website, overseeing project planning, development, and deployment.
- Researched and integrated **SEO best practices**, improving search engine ranking by 40% and ensuring accessibility compliance (WCAG standards).
- Conducted weekly usability testing, optimizing **cross-device compatibility** and reducing page load time to under 3 seconds, improving user retention by 20%.

Web Development Intern

MyHomeworkRewards

📅 Oct 2024 - Feb 2025

📍 Oshawa, ON (remote)

- Developed Grade 12 Math lessons on Vectors, using **HTML**, **CSS**, and **JavaScript** to create responsive and user-friendly interfaces, resulting in a **25%** improvement in usability.
- Transformed **35+** complex mathematical concepts into engaging, interactive lessons by integrating visual aids and animations, enhancing comprehension for **100+** students.
- Collaborated closely with **stakeholders** to gather feedback, iterate on designs, and deliver high-quality educational content within project deadlines.

PROJECTS

Full-Stack Tool Sharing Platform

JavaScript, React, Node.js, Java, SQL, GitLab, Docker, Jira

- Designed and developed a full-stack web application using **React** (frontend) and **Node.js/Java** (backend), enabling users to rent and share tools with features like search, reservations, and user profiles.
- Built and optimized **RESTful APIs** and a **SQL** database to manage tool listings, user data, and reservations, ensuring scalability and data integrity.
- Followed **Agile Scrum** methodologies, collaborating with a team of 6 developers to deliver high-quality features on time, while using **Docker** for containerization and **GitLab** for version control.

Homestead Bakes Website

HTML, CSS, JavaScript, Python, Selenium, GitHub Actions

- Designed an interactive and responsive UI, integrating modern web design principles to enhance user experience, including a carousel for showcasing bakery items and a dynamic menu with **real-time price calculations**.
- Built an **automated order system**, leveraging local storage to track user selections, enabling quantity adjustments, and streamlining the checkout process for a seamless shopping experience.
- Implemented **automated testing** with **Selenium**, validating UI responsiveness, navigation, ordering functionality, and contact form submissions to ensure a seamless and error-free user experience.

Personal Portfolio Website

HTML, CSS, Responsive Design

- Developed a **responsive** personal portfolio website using **HTML** and **CSS** to showcase projects, skills, professional experience and blog postings.
- Applied modern web design principles to ensure seamless **cross-device compatibility**, optimizing the website for phone, tablet, and desktop screens.

EDUCATION

Bachelor of Science

Honours in Computer Science
(Software Engineering Option)

University of Saskatchewan

📅 May 2023 - current

📍 Saskatoon, SK

🎓 Grade: 84.5/100

Awards

- Golden Key International Honour

Advanced Diploma

**Business Administration-
Accounting**

George Brown College

📅 Sep 2013 - Jan 2017

📍 Toronto, ON

SKILLS

Programming Languages

- JavaScript, HTML/CSS, Java, Python, C, Godot Script, R, Bash

Frameworks & Libraries

- React, jQuery, Bootstrap, Node.js, Express.js, Django, Flask

Developer Tools

- Linux/Unix, IntelliJ, GitHub, Vim, MySQL, Docker, AWS, Visual Studio, PyCharm, Jira

OTHER EXPERTISES

- Accounting Domain Knowledge
- Quickbooks and CRM Software

ACTIVITIES

- Volunteer - Google Developer Group
- Volunteer - USASK Career Fair
- Mentee - Connect Mentor Program
- Member - USASK Cybersecurity Club
- Notetaker - Access and Equality Services
- 2024 Bottom Jam - Game Hackathon

REFERENCES

- **Dr. Jasleen Kaur** - CS Professor:
kaur@edwards.usask.ca
- **Brette Kristoff** - USask Career Service
Officer: brette.kristoff@usask.ca
- **Naz Oishie** - Google Developer Group
Saskatoon Lead:
nazzarreem05@gmail.com
- **Jing Wang** - Statistics Course TA:
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