# Haifeng Sun

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## EDUCATION

**University of Toronto**                                                                                                    Toronto, ON
*Honours Bachelor of Science in Computer Science, Minor in Mathematics*                 *September 2019 – April 2024*
- **GPA**: 3.80 / 4.00

## EXPERIENCE

**Software Developer**                                                                                        May 2022 - May 2023
*Oracle Corporation*                                                                                                   *Toronto, ON*
- Developed multiple web applications with a team of 9 in an **Agile** development cycle.
- Implemented and delivered UI upgrades to more than **2500** business customers for **Eloqua**, a B2B marketing automation software.
- Built and integrated Typescript components using Oracle VBCS.
- Rewrote Sproutcore based legacy code using Preact, Typescript and CSS.
- Implemented **RESTful** API calls to facilitate seamless communication between front-end Preact components and back-end systems.

## PROJECTS

**Employee Table** | *React, CSS, JavaScript, HTML, MySQL, Node.js*
- Developed full-stack web-based Employee Management System for displaying and interacting with employee data
- Implemented functionalities including listing employees in a table format.
- Enabled seamless editing, deletion, and creation of employee records.

**Meeting-System** | *Java, SQLite*

- Developed a Java application with a team of 8.
- Implemented the app using varius design patterns, following **SOLID** principles and clean architecture.
- Setup and Utilized a SQLite database to store user data.
- Managed the project by communicating with the team and maintaining the project's schedule.

**Extent-based File System** | *C, FUSE*
- Designed and Developed an extent-based File System, implemented using FUSE and C. Design documents and source code available upon request.
- Supports system calls such as mkdir, rmdir, truncate, write, read.

**PSK For All** | *Typecript, Figma, PostgreSQL*
- Designing marketing software as a capstone project to represent more than **240** local businesses in Kensington, Toronto.
- Engaging in a multi-disciplinary team to address and resolve multiple concerns about Pedestrian Sundays Festivals in Kensington.

## TECHNICAL SKILLS

**Languages:** Javascript, Typescript, HTML, CSS, Java, Python, C, Assembly

**Tools:** Git, Docker, Linux, Unix, LaTeX, Markdown, Gitlab, Github, Figma, JIRA, TeamCity
**Technologies/Frameworks:** React, Preact, Node.js, PostgreSQL, SQLite, MySQL, Oracle JET, Oracle VBCS

## AWARDS

**Dean's List Scholar**
*2020 Summer - University of Toronto*

**Dean's List Scholar**
*2021 Fall - University of Toronto*