Neeco Fabian

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EDUCATION

University of Toronto
St. George Campus

- Honors Bachelor of Science, **Computer Science** Specialist
- CGPA **3.85**/4.00, Expected Graduation **June 2025**
- University of Toronto Scholar Entrance Award **$7500**, Dean's List Scholar
- Professional Experience Year (PEY) Co-op Program
- 2024 Summer Abroad Program - **Berlin, Germany** (CSC396 UI/UX Design)
- Web Development, Databases, HCI, Computer Networks, Operating Systems, Algorithm Design, ML

EXPERIENCE

Oracle
Software Developer
Co-op Intern
May 2022 - Aug 2023

- Developed an HTML editor for a **React**-based email designer, using **CodeMirror** and **TypeScript**, allowing users to add HTML blocks in emails. Refactored an existing CCA project to React.
- Wrote unit tests with **React Testing Library**. Created end-to-end **C#**, **Java**, and **Selenium** automation tests to validate product functionality, cross-browser compatibility, and i18n.
- Presented biweekly demos of features to project stakeholders and company executives.
- Received the **2023 Oracle Intern Award**.

Finastra
Full-Stack Software
Engineer Intern
Jan 2022 - Apr 2022

- Contributed to the **Vue.js** redesign of the client-facing portal in a mortgage lending web app to simplify onboarding for new lenders.
- Completed a full-stack Typescript admin dashboard, enabling mortgage brokers to review marketing campaign analytics. Used **PostgreSQL** and **GraphQL**.
- Displayed resulting data in hierarchical Vue.js tables. Unit tested with **Jest**.

Hack the North

- Developed group hackathon projects: <u>Senso</u> 2019, <u>Illuminote</u> 2020, <u>Bowlo</u> 2021

PROJECTS

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- Created a responsive portfolio website with **HTML**, **CSS**, and **JavaScript**.
- Incorporated **GSAP** ScrollTrigger library and **Vanilla-tilt.js** for animated micro-interactions.

Bike Share Toronto Redesign

- Conducted research on Bike Share Toronto users through questionnaires and interviews.
- Developed an <u>experience map</u> from identified current issues.
- Designed and user-tested a low-fidelity <u>paper prototype</u> and high-fidelity <u>**Figma** prototype</u>.

Articulat3

- Deployed a service based on threestudio, to generate 3D objects from user-provided text prompts.
- Developed a web app in a team of 6, using **React**, **Typescript**, **shadcn/ui**, **Tailwind CSS**.

Outhouse

- Built a crowdsourced platform for students to locate, review, and report public restrooms.
- Implemented **Figma** views, **React** frontend, **Express** backend, **MongoDB**, Google Maps integration.

speedrun.com Inquiry

- Analyzed <u>speedrun.com</u>'s gaming data with **PostgreSQL**. Fetched and cleaned **REST API** responses.
- Constructed a **DDL** schema and performed SQL queries to identify trends in wrangled data.
- Aggregated the inquiry results into visuals and presented <u>findings</u> to teaching assistants.

Conference Manager

- Built a scalable **Java** program to organize conference events, with 7 other students.
- Developed the backend, enabling admin users to schedule events and manage venues.
- Implemented attendee networking, Twilio SMS notifications, and Discord integration.
- Wrote **Javadoc** and follow-up report regarding usage of **Clean Architecture** and **SOLID principles**.

TECHNICAL SKILLS

Languages   Java, Python, C, C#, R, Bash, Assembly Language

Web   HTML, CSS, JavaScript, TypeScript, React, Vue.js, Node.js, Express, GraphQL, Tailwind CSS

Other   Figma, PostgreSQL, MongoDB, Git, Unix, Jest, Selenium, React Testing Library