

Henry Lee

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Education

Honours Bachelor of Computer Science, Co-Op | 3.9/4.0 GPA
Ottawa, Ontario

Carleton University
Sep 2022 - June 2027

- 2-Time Dean's Honour List
- Former Undergraduate Teaching Assistant for Elementary Calculus I
- Relevant Coursework: Object Oriented Programming in Java, Systems Programming in C with Linux, Database Management Systems in SQL, Data Structures and Algorithms, Software Engineering in C++, Web Applications using JavaScript and MongoDB

Experience

Kinaxis - Frontend Developer Intern
Offer Accepted

Ottawa, ON
Incoming January 2026

Carleton Blueprint - Tech Lead Developer

Ottawa, ON
Oct 2025 - Present

React/TypeScript, Next.js, Strapi, BetterAuth.js, GraphQL, GitHub Projects

- Led a student team delivering a full stack web application in **Next.js** for the Jamaican Ottawa Community Association, streamlining event registration, membership fee payments, and administrative roles to oversee paid membership fees
- Mentored developers through code reviews and Agile sprint planning, while contributing production-level code in **React TSX**
- Defined project architecture and scoped tasks into developer tickets in **GitHub Projects** to ensure clear, actionable work

House of Commons of Canada - Student Developer Intern

Ottawa, ON

ServiceNow, Azure DevOps, HTML/CSS, JavaScript, Git, Agile

Jan 2024 - April 2024; Sep 2025 - Present

- **First Term:** Built JavaScript client scripts and UI policies for a CSIS/Accreditation Office security-screening form used by **10,000+** federal candidates annually
- Automated unit tests with ServiceNow's Automated Testing Framework, reducing client-side bugs by **50%**
- **Second Term:** Developed client-side form views and resolved defects for the Members of Parliament Onboarding application, improving reliability and earning positive stakeholder feedback
- Leveraged Azure DevOps' CI/CD pipelines and Agile practices to support efficient and collaborative development & deployment

Ericsson - Software Developer Intern

Ottawa, ON

React/JavaScript, Python, Node.js, Express, shadcn-ui/TailwindCSS

Sep 2024 - May 2025

- Developed a React SPA that tracks and delivers performance metrics of commits from Ericsson's Gerrit servers, allowing a **first-time solution** for line managers and employees to leverage progress and performance data of various teams
- Implemented a Node.js Express backend optimising Gerrit data retrieval by **50-75%** through automated Bash/Python scripts
- Built responsive, production-ready UI components with shadcn-ui and TailwindCSS, enhancing usability and ensuring consistent styling across the dashboard

Projects

Team Metrics Dashboard | [Github](#)

React/TypeScript, Supabase, Node.js, Vercel, shadcn-ui/TailwindCSS

- Extended a project initially built during Ericsson internship into a standalone personal version, replacing proprietary data with mock datasets to ensure privacy and security
- Integrated a Supabase-hosted BaaS to store and manage team data, enabling flexible queries and manipulations with Node.js
- Automated deployments with Vercel, ensuring continuous integration and rapid iteration on new dashboard features

Health and Fitness Club Management System | [Github](#)

React/TypeScript, Next.js, Prisma ORM/Postgres, Vercel

- Built a role-based platform for members, trainers, and admins with scheduling, availability management, and class registration
- Designed a normalized PostgreSQL schema (6+ entities) and implemented all DB logic using Prisma ORM
- Applied Next.js routing, rendering, and server-client component patterns to optimize performance and maintainability

Skills

Programming Languages: Java, Python, JavaScript/TypeScript, SQL, HTML/CSS

Frameworks & Libraries: React, Next.js, Node.js, Express, TailwindCSS, Jest, shadcn-ui, Apollo (Client/Server)

Tools & Technologies: Prisma, PostgreSQL, Git, Azure DevOps, ServiceNow, Webpack, Vite, REST APIs, CI/CD, Strapi

Platforms: Linux (Ubuntu, RHEL), Windows