ANNA CHESTER

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EXPERIENCE

Temerity Analytics Inc. Toronto, ON | Jan 2024 – Present

ZEVA EV and fleet software. Promoted twice in two years, from co-op to Senior.

Senior Full-Stack Developer *Jan 2026 – Present*

- Designed and built HAIL Admin, the platform fleet operators use in production to run vehicles, reservations, and pricing: a Django and PostgreSQL backend, a TypeScript Angular console from scratch, and a Flutter admin app with phone keys.
- Leading a fully automated pipeline that processes financial data from multiple payment platforms for QuickBooks Online, and owning its deployment on AWS with Lambda, S3, and Secrets Manager.
- Added on-device checks to the HAIL Flutter app with Google ML Kit: face detection for identity verification, and object detection that checks vehicle photos before they upload, with a fallback for phones that can't run it.
- Developed OEM account linking for vehicle data, a core focus since joining as a co-op.
- Built Google Maps geofencing where operators draw zones, and white-label theming for several brands on one codebase.

Full-Stack Developer (Part-time) *Sep 2024 – Dec 2025*

- Designed a referral and promotions engine shared by Django, Angular, and Flutter, with rewards that run in cycles.
- Shipped battery-health analytics and premium features in the mobile app, and route and weather overlays on the live map.

Full-Stack Developer, Co-op *Jan 2024 – Aug 2024*

- Built fleet onboarding in Angular and Django, charging cost controls, and product analytics across web and mobile.

Banu Beauty, *banubeauty.ca*

Lead Engineer and Designer (Freelance) *May 2026 – Present*

- Designed, built, and launched a live React and Next.js store in TypeScript selling fragrance, clothing, and makeup to 7 countries, and still maintain it and advise the founder on what to build next.
- Integrated Stripe checkout with CAD, USD, and EUR pricing set by the ship-to country and one set of shipping rules.
- Modelled the catalog in PostgreSQL with Prisma, and built a founder studio for products and photos on AWS S3.

Prime Accounts Inc, *primestandard.ca*

Lead Engineer and Designer (Freelance) *Apr 2025 – Present*

- Modernized an early-2000s PHP site used by hundreds of clients without a rewrite, adding secure sign-in and form protection.
- Built client accounts, GST/HST invoicing with PDFs, and a redesign in English, Russian, and Ukrainian.
- Backed all of it with 16 regression suites in CI, and plan the work directly with the owner.

University of Toronto Toronto, ON

Teaching Assistant, Computer Science *Sep 2022 – Apr 2026*

- Supported 1,000+ students across four courses with weekly tutorials, including through the first term of full-time engineering.
- Created the reference prototypes that every CSCB07 and CSCC01 group project was marked against.

Morningstar DBRS (formerly DBRS Morningstar) Toronto, ON

Software Engineer, Co-op *Feb 2023 – May 2023*

- Led the SonarQube integration with Jenkins and TeamCity CI/CD pipelines, so analysis ran on every commit and pull request.
- Developed web apps front to back in Angular, Node.js, .NET Framework, and MySQL on an agile team.

PROJECTS

Meritory, *github.com/CodeMakesMeSmile/Meritory* In progress

- Building an open-source interview study tool in TypeScript, Next.js, Fastify, Expo, and PostgreSQL.
- Set up CI from the first code commit, now running lint, type checks, migrations, tests, builds, and CodeQL on every PR.
- Integrated Jira with GitHub and Figma, designed every screen before code, and kept the architecture in Confluence.

Toronto street tree map, *annachester.dev*

- Packed 342,748 street trees from city open data into 6 bytes each, drawn on a canvas with no map library.

EDUCATION

University of Toronto, *Honours BSc, Computer Science Specialist*

SKILLS

Languages: TypeScript, JavaScript, Python, Dart, Java, SQL, C, C#, and PHP
Web and Mobile: Angular, React, Next.js, RxJS, NgRx, Tailwind CSS, Flutter, Google ML Kit, and Bluetooth LE
Backend: Django, Django REST Framework, Node.js, .NET, PostgreSQL, MySQL, Prisma, REST APIs, and OAuth/SSO
Services: AWS (Lambda, S3, Secrets Manager), Stripe, Firebase Cloud Messaging, Google Maps API, Microsoft Graph, and Vercel
Practices: Git, CI/CD, GitHub Actions, Jenkins, TeamCity, SonarQube, unit and regression testing, and Agile/Scrum