Ewan Townshend

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Education

University of British Columbia	Vancouver, B.C.
Bachelor of Computer Science	*GPA: 3.75*
University of British Columbia	Vancouver, B.C.
M.A. (Ths.) Philosophy	*GPA: 4.10*
University of Lethbridge	Lethbridge, A.B.
B.A. (Hon.) Philosophy and Anthropology	*GPA: 3.98*

Projects

Meta-λ
- Continuation-passing interpreter for extended minimal subset of a call-by-name variation on Scheme.
- Implementation of a reflective untyped lambda calculus, which makes apparent some connections between modal logics, metaprogramming, recursion theory, and continuation handling constructs.
- Tools: #lang Racket (a Scheme variant)

nice-org-html
- Open source Emacs package that generates customizable static websites from hyperlinked Org Mode markup files and Emacs themes, with defaults optimized for code documentation. 500+ users.
- Tools: Emacs Lisp, JavaScript, CSS

Guiser
- Web application using generative A.I. to automate creation and publication of social media content.
- Enables a user to manage multiple personas, create topical content under a given guise with the assistance of large language models, then post that content to associated profiles on various platforms.
- Tools: TypeScript, JavaScript, MERN (MongoDB, Express, React, Node.js), OAuth, LLM APIs

LifeInteractive
- Java implementation of a novel single-player game based on John Conway's zero-player *Game of Life*.
- Tools: Java 8, Swing

Employment

Accenture	Vancouver, B.C.
Software Engineering Specialist	*08/2025 – pres.*

Consulting role with a focus on designing and building high-volume claims management systems. Working primarily on enterprise Java projects based on the Cúram platform, for government entities.

WorkSafeBC	Richmond, B.C.
Software Developer	*09/2022 – 07/2025*

Began as an intern developing an enterprise Java project based on the Cúram platform. Moved into a full-stack polyglot role building Angular SPAs, REST APIs and event-driven systems to integrate various .NET microservices with each other and the Java-Cúram project, all running on Azure cloud.

The University of British Columbia	Vancouver, B.C.
Graduate Teaching Assistant	*09/2018 – 04/2021*

Planned and facilitated delivery of course materials, organized and led discussion groups and review lectures, communicated with students to identify research interests and address knowledge gaps, and evaluated student performance on assignments, essays and exams.

Technologies

- Languages: Scheme, Lisp, C, C#, Java, JavaScript, TypeScript, HTML/CSS, UIM (Cúram DSL), SQL, LaTeX

- Frameworks/Libraries: Node, Express, React, Redux, Angular, NgRx, Selenium, Cúram, .NET Azure SDK

- Tools: Emacs, IntelliJ, Eclipse, Visual Studio, Git, Linux, MacOS, Windows, Azure DevOps Services