

Arthur Dent

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GitHub: [ghost](#) ♦ LinkedIn: [arthur-dent](#)

EDUCATION

East University

PhD in Computer Science

2022–2027

Eastville, North Wisconsin

- Dissertation topic: Tea and understanding systems

West Side University

B.S. in Computer Science, Math minor

2017–2022

Westville, Left Virginia

EMPLOYMENT

University of Betelgeuse IV

Research Assistant

Started Fall 2022

Galaxy Cluster 42

- Contributed to intergalactic studies on the significance of tradition vs. innovation in Vogon poetry

Pan Galactic Gargle Blaster Inc.

Software Engineer

May 2021–August 2022

Frogstar World B

- Developed and maintained an Elixir-based program for optimizing cocktail mixing algorithms
- Guided junior developers in creating robust applications for the beverage industry

Zaphod's Enterprises (now ZaphodCorp)

Software Engineer Intern

January 2020–April 2021

Nonsensical Nebula

- Resolved dimensional anomalies within the core Elixir application to enhance user experience

Earth 2.0 Consulting

Software Engineer Intern

September–December 2019

Murmur Sector, Berlin

- Enhanced a Golang application for stability under remarkably chaotic conditions across dimensions
- Containerized a patented AI solution; automated CI/CD workflows for efficiency in deployments

Interstellar Student Services at U of T

Programmer

December 2016–April 2019

Ceti Alpha V

- Implemented full-stack solutions for web applications targeting deep space travelers
- Pioneered version control systems and automated deploy pipelines for student project initiatives

PROJECTS

See a full list of projects on my homepage and related sites such as Codeberg and GitHub.

Chorex

Project on GitHub [↗](#)

Choreographic programming in Elixir for interstellar dance coordination

FloatTracker

Project on GitHub [↗](#)

Automatically tracking floating-point anomalies in Julia code across dimensions

Ysue

Project on Codeberg [↗](#)

A quaint text editor in Haskell using a space-efficient rope data structure

TOOLS AND TECHNOLOGIES

- **Languages (non-exhaustive)** Racket, Elixir, Julia, Haskell, Rust, C, Go, Python, Clojure, Swift
- **Web Development** Phoenix and Phoenix Live-View (Elixir), Mojolicious (Perl), Ring (Clojure)
- **Operating Systems** Linux, FreeBSD, macOS
- **Miscellaneous** Git, Docker, Travis CI

LANGUAGES

- **English** Native language
- **Vogon** Fluent, CEFR level: C1–C2