ROBERT GRAYSON

1 Work Experience

1.1 Senior Software Engineer, PepsiCo — January 2022 – Present
New York City, NY

- Building sales intelligence internal tooling using Elixir/Phoenix, LiveView, D3, PostgreSQL, Snowflake, and Apache Druid
- Developing data analytics platforms for executive intelligence reporting

1.2 Senior Software Engineer, Quantierra — January 2020 – January 2022
New York City, NY

- Worked on ETL processes and data scraping systems
- Implemented entity resolution algorithms and database optimization

2 Technical Skills

Programming Languages: Elixir, Ruby, JavaScript, Objective-C, SQL, Python
Frameworks & Libraries: Phoenix, LiveView, Rails, GraphQL, Backbone, OTP/GenServer
Data & Analytics: Snowflake, PostgreSQL, Data Warehousing, ETL Pipelines, Analytics
Infrastructure & DevOps: Kubernetes, Docker, AWS, CI/CD, Linux, Git
Leadership & Management: Team Management, Technical Mentoring, Architecture Design, Agile, Code Review

3 Education

B.A. in Computer Science, *Bowdoin College* — **May 2001**

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Professional Development Program, *Recurse Center* — **Spring 2015**

4 Key Projects

Architecting Large Elixir & Phoenix Applications *(Elixir, Phoenix, PostgreSQL, LiveView)*
Large-scale application architecture for enterprise systems at PepsiCo.

Sales Intelligence Internal Tooling *(Elixir, Phoenix, LiveView, D3)*
Executive intelligence reporting platform for PepsiCo sales analytics.