Bjorn Elvar Thorleifsson

Reykjavik / Chicago

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Links

Email · Mobile · Website · GitHub · LinkedIn

Summary

- Ambitious quick-learner with a background in audio engineering and a passion for technology and computers. I am currently studying Computer Science at Reykjavik University and am looking for a position where I can apply my skills and learn new ones.

Education

- **Computer Science BSc** **(2021-2024)**
  Reykjavik University

- **Preliminary Studies** **(2019-2021)**
  Keilir

- **Audio Engineering** **(2018-2018)**
  Tækniskólinn

Skills

- **Programming Languages**
  C#, Python, JavaScript, TypeScript, SQL, HTML, CSS, LaTeX, Java

- **Operating Systems & Tools**
  MacOS, Figma, bash, git, Unity, Windows

- **Libraries & Frameworks**
  .NET, EF Core, Pandas, Numpy, Jupyter, Django, React, jQuery, NextJS

- **Data Management**
  PostgreSQL, MySQL, MongoDB, SQLite, ClickHouse, Prisma ORM, SQLite

Experience

- **Backend Developer** **MAY 2023 – SEP 2023**
  Reykjavik University - Research Assistant
  Developed a .NET backend for a web-based sleep research platform, aimed at facilitating machine learning data labelling and analysis. Key responsibilities included designing and implementing robust data handling processes, ensuring scalability, and collaborating with research teams to tailor functionalities for advanced sleep pattern studies. Successfully optimized database efficiency by compressing file tables, achieving a 95% reduction in size. This enhancement led to an 80% improvement in segmentation loading times, significantly boosting system performance and data processing speeds.

- **Audio Engineer** **MAY 2022 – NOV 2022**
  Storytel
  Recording, editing, and mixing audiobooks. Developed strong communication and project management abilities by working closely with production leads and narrators to ensure timely project completion.

- **Project Manager & Sound Technician**   **FEB 2019 – SEP 2021**
  Hljómahöll
  Coordinated live events, performed live audio mixing, and created content for the Icelandic Museum of Rock 'n' Roll.

- **Support Worker & Custodian**   **OCT 2016 – JAN 2018**
  Reykjanesbær
  Caretaker role for kids with special needs and general housekeeping and cleaning.

Projects

- **NBA Scores: An Alfred Workflow**   Link   Github
  I used the NBA API to get the data and then built a workflow around it using Python.

- **NFL Pick 'em**   Link
  I built a web app using NextJS and Prisma ORM where users can submit their weekly NFL picks. 150 users currently!

- **Canvas Crisis: 2D Platformer Video Game**   Link
  Game was designed and developed in 2 weeks for a 3-week course at Reykjavik University.

References

- **Tómas Young**
  Hljómahöll - Framkvæmdarstjóri   +354 777 5532

- **Ingvar Jónsson**
  Hljómahöll - Tæknistjóri   +354 615 0130

- **Þórhallur Arnar Vilbergsson**
  Hljómahöll - Tæknistjóri   +354 846 7407