Brian Reece

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Grand Rapids, MI**

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**https://www.bdreece.dev
https://github.com/bdreece**

Junior software engineer looking to advance my skills in fullstack web development. Hard-working, flexible, and cognizant in the workplace.

Repositories

transient
https://github.com/bdreece/transient

- A temporary audio file sharing and streaming service

tinybroker
https://github.com/bdreece/tinybroker

- A message queue broker for distributed systems, written in Go and exposed over REST API.

conway
https://github.com/bdreece/conway

- Conway's Game of Life, implemented in C++ using SDL2 and OpenCL.

piper
https://github.com/bdreece/piper

- A template library for concurrent channels in C++20.

errands
https://github.com/bdreece/errands

- A command-line todo list manager, written in Rust.

Education

 BS in Software Engineering, Communication Studies Minor
Michigan Technological University, May 2022
Cumulative GPA: 2.71

Experience

Frontend Software Engineer   Jul 2022 – Present
Simms Electronics – Grand Rapids, MI

- Developed serverless IoT and data graph gateway API template for internal productivity and standardization

- Maintained existing frontend applications and backend services written in several languages.

- Enriched company atmosphere with tactful demeanor in client requirement elicitations and company meetings.

Embedded Software Developer   Sept 2019 – Dec 2021
MTU Aerospace Enterprise – Houghton, MI

- Collaborated with software, firmware and hardware engineering students to develop embedded solutions for microsatellite prototypes.

- Implemented and tested UART device library and NMEA message parsing algorithm for GNSS-MCU interface.

- Used interpersonal and communication skills in interactions, enriching team collaboration on Auris microsatellite project.

Skills

C/C++	Javascript	Terraform
Rust	React	Azure
Linux	HTML	SQL
C#	CSS	Docker

Accomplishments

- State Champion – 2016 MIFA State Competition, Informative Speaking

- State Semifinalist – 2015 MIFA State Competition, Extemporaneous Speaking