

MARK WISSINK

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EDUCATION

Calvin University, Grand Rapids
BCS.Computer Science
Minor in Mathematics
Overall GPA: 3.810

May 2020

TECHNICAL STRENGTHS

Computer Languages	C/C++, TypeScript, Python, Java, C#
Databases	PostgreSQL, MongoDB
Tools	Emacs, Visual Studio 2019, Git

EXPERIENCE

Brink Development, LLC
Software Developer

May 2017 - Current
Grand Rapids, MI

- Work as a full stack developer on Focus Period and Grit Leadership web applications.
- Learn and integrate modern web development technologies.
- Design and develop feature requests from clients.

Calvin University
Student Researcher

Summer 2019
Grand Rapids, MI

- Created the Thread Safe Audio Library (TSAL) to compliment the existing Thread Safe Graphics Library (TSGL).
- Implemented a low-level audio library and API that provides thread-safe functionality.
- Designed a research poster that was accepted at the Super Computing 2019 international conference and SIGCSE 2020 conference for the student research competition.

SIL International
Contributor

January 2018
Chiang Mai, Thailand

- Refactored old E2E JavaScript code into TypeScript on SIL's Language Forge web application.
- Improved reliability of tests by implementing ProtractorJS standards.
- Added tests to the existing test suite.

PROJECTS

LoTide
C++, RPC

- A suite of tools that provide the workflow for creating and using dynamic music in applications.
- Built on top of TSAL.

Piano Player
TypeScript, React, WebMIDI, Socket.IO

- A real-time piano playing and listening web application for connecting piano enthusiasts through the internet.