

# Sione Havili

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## OBJECTIVE

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Software engineer actively seeking full-time work in any field related to computer science. Open to remote, on-site or re-location. Able to work immediately.

## EDUCATION

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### Weber State University

Bachelor of Science (Computer Science)

Associate of Applied Science (Computer Science)

Coursework:

- Advanced Database Programming (MS SQL Server, MongoDB)
- Capstone (MERN - MongoDB, React, Node)
- Formal Language Algorithms
- Game Development (Unity - .NET C#)
- MERN Web Development (FRN - Firebase, React, Node,)
- Operating Systems (C)
- Software Engineering I
- Software Engineering II, (MERN - MongoDB, React, Node)
- Object Oriented UI with Java (Java)
- Windows Application OOP (.NET - C#, Microsoft SQL Server)
- Individual Projects & Research (FRN - Firebase, React, Node)

Ogden, UT

January 2023 - April 2024

January 2023 - August 2023

### Salt Lake Community College

Associate of Science (Computer Systems and Information Systems)

Coursework:

- Computer Essentials (Microsoft Word, Microsoft Excel, Microsoft Powerpoint)
- Foundations of Computer Science (Java, HTML, CSS, Javascript)
- Fundamentals of Programming (Java)
- Object Oriented Programming (Java)
- Discrete Structures
- Internet & XHTML Fundamentals (HTML, CSS Javascript)
- Web Programming (XAMPP - PHP, MariaDB, Perl)
- Data Structures & Algorithms (Java)
- Intro to Networking
- Computer and Network Security
- SQL Programming (MySQL)
- Computer Architecture (MIPS, Mars)

Taylorsville, UT

January 2020 - December 2022

## CERTIFICATES

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### Proficiency in Software Development

December 2022

- Developer certification representing related coursework at Salt Lake Community College

### Computer Science Fundamentals

August 2022

- Developer certification representing related coursework at Salt Lake Community College

## PROJECTS

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### Language Learning App - Individual Research Project (Full-Stack React.js, Firebase)

April 2024

- Developed a full-stack web page which aids in studying the Tongan language. Users can create a profile which. Provides access to learning modules. Each module covers topics that build on each other. Tools are provided to practice, study, review, and quiz every module. User progression is stored via Firestore. Users can create custom modules, reset password, and logout. Project is designed to support additional languages.
- Node.js, React-Router, Firestore (Firebase), HTML, CSS, JavaScript (React.js)
- Project link: [Learning Tongan \(learntongan.netlify.app\)](https://learntongan.netlify.app)

### Portfolio App - Personal Coursework Project (Full-Stack React.js)

November 2023

- Developed a full-stack web page which is an overview of other personal projects and developers information. Project exemplifies dynamic UI, user web page routing, navigation and database communication.
- Node.js, React-Router, Firestore (Firebase), HTML, CSS, JavaScript (React.js)
- Project link: [Project Portfolio by Sione Havili \(sionchavili-portfolio.netlify.app\)](https://sionchavili-portfolio.netlify.app)

### Recipe App - Personal Coursework Project (Full-Stack React.js)

November 2023

- A full stack website using React.js, Node.js and Firebase database. Existing recipes are retrieved and displayed with pictures, instructions and ingredients. Additional recipes can be added by user. Additional recipes are updated to database. Project exemplifies full-stack implementation and persistent user data using fundamental coding practices and custom hooks.
- Project link: [Recipe App \(frabjous-churros-00b58e.netlify.app\)](https://frabjous-churros-00b58e.netlify.app)

### Roll A Ball App - Personal Coursework Project (Unity C#)

October 2023

- Developed through Unity Game Engine while learning Unity Pathways. This project takes the roll-a-ball course and provides unique enhancements. Utilized Unity tools, Unity libraries, Unity asset imports, object collisions, object triggers, object physics, 3D modeling and user interface.
- Project link: [Roll-A-Ball Enhanced - Unity Play](https://roll-a-ball-enhanced-unity-play)

## TECHNICAL SKILLS

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### Programming Languages

- C
- C# (.NET)
- Java
- Javascript
- MIPS
- Node
- PHP

### Web Development

- XAMPP
- MERN
- React.js / Node.js
- FRN
- XHTML
- CSS
- Bootstrap

### Databases

- MySQL
- MariaDB
- Firebase
- Firestore
- MongoDB
- Microsoft SQL Server

### Version Control

- Git
- GitHub

### Operating Systems

- Windows 10, 11
- Linux Ubuntu

### Editors

- Microsoft Visual Studio
- Microsoft Visual Studio Code
- Netbeans IDE
- Eclipse IDE
- IntelliJ IDE
- Mars IDE

## HONORS

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SLCC PIA-Academic Excellence Award (2019)