

## **Timothy Burr**

Boise, ID 83703

810-610-4915

[tim.r.burr@gmail.com](mailto:tim.r.burr@gmail.com)

<https://github.com/timburr1>

<https://www.linkedin.com/in/timothy-burr-a39a8866/>

## **Summary of Qualifications**

- Full-stack software developer with over ten years of professional experience, including two years as a team lead
- B.S. + M.S. in Computer Science
- Proven experience with Java, Python, JavaScript, React, SQL, and Cloud Computing
- Strong written and verbal communication skills

## **Work Experience**

February 2024 – March 2025

### **ETL Engineer | Netacent, Inc. | Boise, ID**

- Coordinated with Hawai'i's Department of Labor and Industrial Relations to modernize the state's Unemployment Insurance system
- Imported and mapped mainframe data with Microsoft Excel and SQL Server Management Studio

June 2022 – present

### **Principal Software Developer | Barkelona LLC | Boise, ID**

- Leveraged prior knowledge of Python and object-oriented design principles to create an immersion-style game for Spanish learners
- Used JavaScript, React, Tailwind CSS, Vite, Google Domains, AWS Amplify, S3, Lambda, and Certificate Manager to create a [website](#) to market and distribute the game to schools
- Launched Barkelona on [Steam](#) and [Itch.io](#)

May 2020 – June 2022

### **Computer Science Teacher | West Ada School District | Meridian, ID**

- Taught Computer Science with a focus on Web Development, Databases, and Cybersecurity
- Managed online and in-person learning during the coronavirus pandemic
- Created new course materials and projects for students of all ability levels
- Relocated the Computer Science magnet program to Renaissance High School, in order to expand access for students
- Collaborated with other teachers to redesign the introductory Exploring Web Design & Programming course

Aug 2019 – May 2020

### **Senior Software Engineer | Healthwise, Inc. | Boise, ID**

- Developed and maintained software to provide health information to patients and providers using .NET, C#, TypeScript, and React
- Improved internal processes and documentation
- Mentored and collaborated with other developers
- Provided developer feedback in code reviews

Aug 2012 - Aug 2019

**Software Developer, Compliance Team Lead | Clearwater Analytics | Boise, ID**

- Maintained and improved existing Java code
- Provided 24-hour, on-call support for critical projects
- Created additional webservices, SQL databases, and unit tests
- Collaborated with other developers and analysts
- Led an Agile team of four developers and one quality assurance engineer
- Worked with users and stakeholders to prioritize and implement new features
- Mentored and taught junior developers

Sep 2011 - May 2012

**Teaching Assistant | University of Oklahoma | Norman, OK**

- Taught basic programming concepts at office hours
- Provided student feedback through grading homework and projects

Jun 2010 – Jun 2011

**Operations Intern | MSCI Inc. | Norman, OK**

- Monitored production environment for problems
- Automated menial tasks such as resetting user passwords

## Education

**University of Oklahoma, Norman, OK**

*M.S. in Computer Science, May 2012*

*B.S. in Computer Science with Math Minor, May 2011*

## Tools and Languages

Godot Game Engine / GDScript

JavaScript / TypeScript

React

Tailwind CSS

Vite

Node.js

AWS Amplify, Lambda, S3

Git

Python

C#

Postman

Java

Jekyll

Microsoft SQL Server

MySQL

Mongo DB

Microsoft Azure

ChatGPT

Google Gemini

## Projects

[Club-Sorter-WS](#)

[Barkelona](#)

[Cen10 Writers Blog](#)

[Troll 9000 Discord Bot](#)

[Roscomometer](#)

[Flappy Bub](#)

[Haenerator](#)

[Yelp for Anything](#)

[MySQL Example DAO](#)

[Quality of Life Modpack for Sid Meier's Civ V](#)

[Aerolínea PanAmerica](#)

[Illumicone Test Simulator](#)

[OU Honors College Presentation: 'Majors and Careers in a Volatile Economy'](#)

[Story Parser](#)

[Machine Learning in StarCraft: Brood War](#)