

James Oku

 [LinkedIn](#) |  208-206-7743 |  jamesoku.com |  Okujames7@gmail.com |  [GitHub](#)

EDUCATION

BS in Software Engineering

Brigham Young University-Idaho

Expected Graduation: April 2023

Rexburg, Idaho

Courses: Data Structures, Web Engineering, Project Management, Algorithmic thinking

Cum. GPA: 3.4 · **Major GPA:** 3.7

TECHNICAL SKILLS

Languages: Typescript · JavaScript (ES6) · Python3 · HTML5 · CSS3 · C++ · Kotlin · PHP

Technologies: Angular · React · Node.js · Express.js · Git · GitHub · MongoDB

WORK EXPERIENCE

Web Development Tutor

Brigham Young University-Idaho

April 2022 – Present

Rexburg, Idaho

- Demonstrated **proficiency in different programming languages** and technologies (**HTML, Python, CSS, JavaScript**, and more by tutoring students, improved my grasp of a variety of programming languages, and facilitated students learning experience
- **Tested and reviewed about 20 students' software daily** and used my experience to suggest improvements, resulting in a 17% increase in the assignment's expected grade
- Aided the **development of multiple software projects** simultaneously and participated in the software development process from design to implementation and delivery

Full Stack Developer Intern

America Health

September 2022 – December 2022

Idaho Falls, Idaho

- Designed and developed highly complex full-stack applications projected to generate monthly revenue of **\$20,000** using **MEAN stack technologies (Angular, Express.js, Node.js, MongoDB)**
- **Participated in daily stand-ups and sprint planning meetings** to maintain and track the progress of ongoing projects
- Implemented and managed MongoDB database to be used in the backend, **achieving 100% data security**
- **Tested 5 new REST APIs daily** and modified the code for optimizing performance as part of improving user experience

TECHNICAL PROJECTS

Time Tracking Software (MEAN Stack)

Website, GitHub | Fall 2022 | Rexburg, ID

- Built a web application using **Angular, Express.js, Node.js, MongoDB, and CSS** to register workers' timestamps
- Implemented secure user authentication using **JWT tokens in REST APIs**
- Designed and **implemented reusable components**, including custom directives and pipes
- Created dynamic and interactive user interfaces using **data binding and template syntax**
- Implemented end-to-end solutions, including **database design and integration with MongoDB**

Project Management App (Full Stack)

Website, GitHub | Spring 2022 | Rexburg, ID

- Built an application using **React, CSS, and Firebase database** for users to organize and monitor project management procedures
- **Collaborated with cross-functional teams** to deliver high-quality software on time
- Worked with designers to create **visually appealing and user-friendly interfaces**
- Integrated **Firebase Realtime Database** with React application to store user information
- Implemented **React Hooks (State/Effect)**