

Benjamin Schoolland

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SUMMARY

Innovative software developer with extensive experience in full-stack web development, possessing a strong foundation in multiple programming languages and frameworks such as React, Node.js, and MongoDB. Highly focused on creating impactful programming projects, ranging from robotics to web development.

TECHNICAL SKILLS

Programming: JavaScript, Python, C++, LUA, HTML, CSS

Frameworks and Tools: React.js, Next.js, Git, Visual Studio Code, Node.js, PostGresql, MongoDB

PROFESSIONAL EXPERIENCE

Modesto Academy Of Music and Design

Salida, CA

Robotics Instructor

08/2021 - Present

- Taught programming classes on Scratch and Arduino to students from the ages of 7-15.
- Coached the middle school VEX EDR competitive robotics team, which ranked 1st in its league.
- Demonstrated leadership by making improvements to work process and training 3 new employees.

Digital NEST

Modesto, CA

Web Development Intern

11/2023 - Present

- Worked collaboratively on 2 sites for real world clients using WordPress and custom JavaScript.
- Currently developing a secure plugin with the team's lead developer for handling donations on the organization's website, which is expected to save the organization upwards of \$100,000 per year.

PROJECTS

Game - Wrecking Wheels

Ripon, CA

Developer

Jan 2024 - Present

- Used pure HTML and CSS and JavaScript to develop a dynamic physics system using Matter.js.
- Achieved the high honor of people actually finding the game fun and playing through all 33 levels.
- Demonstrated mastery of JavaScript and object-oriented programming, with over 3 months of continuous development.

Github: <https://github.com/BSchoolland/Vehicle-Building-Game>

Website - Community A.L.I. Platform

Modesto, CA

Project Lead and Back-End Developer

May 2022 - Aug 2023

- Worked as the lead backend developer on a team of 10 students to develop a site to connect students with clubs, events, and internships at Modesto Junior College.
- Implemented responsive web interface, user account functionality, and messaging systems using React.
- Won multiple grants totaling \$10000 from SolveCC.

Github: <https://github.com/Community-ALI/CommunityALI-Website>

EDUCATION

Modesto Junior College

Modesto, CA

A.S. in Computer Science

August 2021 – Present

- **Related Coursework:** Object-Oriented Programming, Assembly Programming, Discrete Mathematics.
- **ExtraCurriculars:** President of the MJC computer science club, Co-leader of solve community challenges team CommunityALI.