

# Alfredo Louis Vincelli

Elk Grove, CA 95677

Phone : (916)-709-6217 | Email : [louisvincelli@gmail.com](mailto:louisvincelli@gmail.com)

LinkedIn: <https://www.linkedin.com/in/louis-vincelli-224940205/>

Github: <https://github.com/louisvincelli>

Portfolio: <https://louisvincelli.github.io/portfolio>

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## Summary

Full stack developer for web and mobile applications with a background in Computer Science, Data Science, Machine Learning and AI. Passionate, intrigued and an enthusiastic learner. Effective problem solver and a very adaptive team worker showing great initiative. Exceptional communication and leadership skills.

## Technical Skills

Languages: JavaScript, Java, C, C++, HTML, CSS, Python.

Applications: React (MERN stack), Angular, Vue.js, TailwindCSS, SaSS, Apollo, Express, Express-Session, Express-Handlebars, Node.js, Postman, Insomnia, GraphQL.

Databases: MongoDB, Robo 3t, Atlas, MySQL, Workbench, JAWSDB.

Others: Agile Management methodology

## Projects

**Ball Finder** - <https://github.com/louisvincelli/apiproject> | <https://louisvincelli.github.io/apiproject/>

Searches your favorite sports teams' next upcoming matches, rivals and stadium location along with capacity.

- Worked with 4 experienced individuals to design, develop, debug and deploy the web application working 100% remote.
- Participated in brainstorming sessions with Agile development team on User Interface Design, User Experience Design (UX) strategies for prototyping, including translating requirements into elegantly coded solutions.
- Use of source code repositories, builds and deploys to document all code changes.
- Role: Front-end Developer, handled API requests from the external API and user interface (UI) development utilizing JavaScript and related libraries, HTML, and CSS.
- TOOLS: Javascript, HTML, CSS

**Delicioso** - <https://github.com/louisvincelli/fake> | <https://voyage-croissant-90306.herokuapp.com/login>

Searches for recipes based on what the user inputs in their virtual fridge. User may favorite ingredients in their profile.

- Collaborated with a team of 4 developers to create this application working remotely.
- Participated in multiple meetings with the team on User Interface Design, User Experience Design (UX) and brainstorming.
- Use of source code repositories, builds, and deploys to document all code changes.
- Role: Back-end Developer of the application using model-view-controller design pattern creating all routes and implementing authentication, security as well as connecting everything to the database and handlebars.
- TOOLS: JAWSDB, Express, Express-Session, HandleBars, Javascript, CSS.

**Varcade** - <https://github.com/louisvincelli/varcade> | <https://varcadex.herokuapp.com>

A virtual arcade where users can play arcade games and sign up to save their score to the leaderboard and profile.

- Came together with a team of 4 programmers to create this application working remotely.
- Use of source code repositories, builds, and deploys to document all code changes.
- Role: Back-end Developer as well as front-end, fullstack handled all routes to pages and created the login/signup function as well as implemented the authorization.
- TOOLS: (MERN stack) MongoDB, Express.js, React.js, Node.js, Phaser.io.

**Workout Tracker - <https://github.com/louisvincelli/WorkoutTracker> | <https://dashboard.heroku.com/apps/fast-meadow-28304>**

Application for your workout routine. Helps you write down workouts and save them as well as the amount of workout and time in order to help you keep track of your workout.

- Role: Full-stack developer solo job saving statistics, programming routes and functionality.
- TOOLS: Javascript, MongoDB, Handlebars.js.

**Weather App - <https://github.com/louisvincelli/weatherapp> | <https://louisvincelli.github.io/weatherapp/>**

Searches for a specific city and responds to the user with the current weather forecast of that city and the next 5 days. Saves searches in local host and user may click on searched cities instead of retyping their search.

- Role: Full-stack developer working alone, creating routes and designing the app.
- TOOLS: Javascript, MongoDB, Handlebars.js

## Education

**Bootcamp Certificate:** UC Davis, Davis, California

- A 24 week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handlebars.js & ReactJS.

**Bachelor's Degree:** UC Davis, Davis, California

- Major: English with a Math minor. Graduated with a 3.5 GPA.

**AA-T Degree of Certification:** UCLA, Los Angeles, CA & Sierra College, Rocklin, CA

- 3.8 GPA Student at the time of transfer to UC Davis in fall 2022.

## Experience

**Web Developer Student Project Work**

March 2021—September 2021

**UC Davis Continuing and Professional Education**

Davis, CA

Full Stack Engineer developing projects and working in a team of 4 every 2 weeks.

- Increased skills in React(MERN stack), Next.js Angular, Apollo, Express-Session, Express-Handlebars, Node.js, Postman, Insomnia, GraphQL, Atlas, MySQL, Workbench, and JAWSDB by 80%.
- Increased problem solving skills, teamwork and communication skills by 50%.
- Aided in reducing the amount of bugs in software and adding a proper fix as well as designing and structuring the application with databases or local storage and API calls.
- Was Head/Senior engineer of 2 of the projects; WeatherApp and WorkoutTracker.
- Lead Software Developer in an application that simulates an Arcade called VARcade.
- Increased Back-end skills by 30%
- Increased Front-end Designing skills by 50%. Learned TailwindCSS, SaSS, Angular and Vue.js while working on Delicioso.
- Aided in an increased workflow using Agile Management methodology by 50%.