

# Ryan Leonard

ryanleonard.co

(908) 652-1950 | [rleonard772@gmail.com](mailto:rleonard772@gmail.com) | [linkedin.com/in/ryan-leonard02](https://www.linkedin.com/in/ryan-leonard02) | [github.com/Rleonard02](https://github.com/Rleonard02)

## OBJECTIVE

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*Secure an Internship/Co-op related to software engineering.*

## EDUCATION

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**Purdue University**  
**Bachelor of Science in Computer Science**  
**Concentration in Software Engineering**

**West Lafayette, IN**  
**December 2024**  
**GPA: 3.83**

## PROJECTS

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### Recipe Remix

**Aug. 2023 - Current**

- Creating fullstack recipe logging software project in 6 person collaborative effort using React.js and a MongoDB database.
- Leading front end development team, involving react/node/express implementation and integrating APIs into the project.

### Fitness Tracker App

**Aug 2023 - Current**

- Personal project that was developed as a way to create a better alternative to fitness tracking compared to what's currently available.
- Learned and implemented the MongoDB database to store user data and workout model information.
- Uses React Contexts to auto populate frontend with new log entries that are also stored in the backend for each user.

### Personal Portfolio Website

**Apr. 2023 - Current**

- Developing React-based website to showcase past and current professional projects/interests.
- Learning and implementing new technologies in order to develop the site further.

## PROFESSIONAL EXPERIENCE

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### Cognition and Learning Lab Programmer

**May 2023 - Current**

- Develop tests designed by Purdue Psychology Researchers and deploy them for live use by lab participants.
- Update and maintain current code bases for lab websites and experiments.

### Undergraduate Teaching Assistant

**Jan. 2023 - May 2023**

- Teaching students in C Programming courses who need help during lab hours.
- Assisting graduate students in running lab sections for Computer Science courses.
- Completing and revising labs/projects in preparation for labs.

### Math Alliance Organization

**Sept. 2022 - Current**

- Implementing and overseeing maintenance to cascade web pages associated with the Math Alliance organization at Purdue.
- Improving old page layouts/architecture using frontend languages and enhanced design techniques.

## LEADERSHIP/INVOLVEMENT

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### ACM SIGAPP

**Aug. 2023 - Current**

- Collaborating with team members involved in Purdue's Chapter of ACM SIGAPP.
- Contributing to a semester long web application project that will be launched to students for use.

### Alpha Phi Omega - Alpha Gamma Chapter

**Aug. 2023 - Current**

- Volunteering in community and campus projects alongside other members of the chapter.
- Learning leadership skills from fellow members through service project management.

## RELEVANT SKILLS

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- Data Structures/Algorithms, HTML/CSS/JavaScript, Java/C/C++, MongoDB, React.JS, React Native, API Development, SCRUM development, full stack, SQL, python, .NET, MERN, Git, Linux/Unix, software testing, frontend, backend, software development, AWS