Jay Vo

513-837-6970 | duong.kej@gmail.com | linkedin.com/in/duonghvo/ | github.com/duong-vo

EXPERIENCE

Software Engineer Intern May 2023 – Nov 2023
Rakuna

- Collaborated cross-functionally to refine Rakuna's Candidate Relation Management product, which has been supporting 600+ firms with scaling their recruiting activities.
- Utilized Sidekiq for asynchronous processing of email marketing campaign initiations, achieving an 80% reduction in emails processing and validation delays.
- Leveraged RSpec in Ruby to implement comprehensive unit and integration tests, achieving over 95% code coverage, ensuring the reliability and functionality of the software.

Software Engineer Intern May 2022 – Mar 2023
CodeLynx

- Partnered with a senior developer to develop a full-stack code development notebook with Clojure and React.js.
- Implemented a high-performing tree parser and the evaluator using Clojure for interpreted languages, reducing code run-time by 50%.
- Utilized state caching on the frontend to optimize code evaluation, ensuring a smooth notebook experience for users.
- Organized the code and documented the repository for smooth launch into open source and increase overall efficiency by 15%.

EDUCATION

Miami University, Ohio Aug 2021 – May 2025
Bachelor of Science in Computer Science *Oxford, OH*

- GPA: 3.9, President's list for 3 semesters
- Activities: Honors College, Programming Club, Eli Lilly Leadership Institute Cohort 11

PROJECTS

PaperPing | *Django, FlutterFlow, MetaphorAPI, SendGrid API, Firebase* PennApps XXIV

- Worked in a team of 4 to develop a digital platform for researchers, offering real-time monitoring and instant notifications for personalized research articles.
- Achieved a top-20 ranking out of 104 at PennApps XXIV and earned the Wolfram Research Award from Wolfram Research.
- GitHub repository: github.com/duong-vo/penn-apps.

CodeCollab | *Node.js, React, TypeScript, MongoDB, SocketIO* Feb 2023 - May 2023

- Built a collaborative code editor with Socket.IO, Node.js and React, honing real-time web development and intuitive frontend skills.
- Enabled seamless simultaneous code editing in collaborative code editor through efficient SocketIO communications, ensuring a smooth and responsive user experience.
- GitHub repository: github.com/duong-vo/code-review-platform.

MyKalory | *Django, React, Bootstrap, MongoDB, Google Cloud, Firebase* RevolutionUC 2023

- Created a nutrition tracking app with camera-based calorie tracking using Google Vision API in a team of four.
- Employed Bootstrap to create a visually appealing and responsive frontend for the app, enhancing the overall user experience.
- Leveraged Firebase's client-side authentication and authorization capabilities to implement secure user-specific features.
- GitHub repository: github.com/dominhnhut01/revolutionuc2023.

TECHNICAL SKILLS

Languages: Python, Java, Ruby, JavaScript, C++, Dart, SQL, HTML/CSS
Frameworks/Libraries: Ruby on Rails, React.js, Node.js, Express.js, Flask, Django, Flutter, JQuery
Technologies: Git, Linux, Docker, PostgreSQL, MongoDB, AWS, Google Cloud, Firebase