

# PHEAROM (ROME) DUONG

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## EDUCATION

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**Wesleyan University**, Middletown, CT

May, 2023

**GPA:** 3.50/4.00

Bachelor of Arts, **Major:** Computer Science, **Minor:** Integrated Design, Engineering, and Applied Science (IDEAS)

**Related Coursework:** Artificial Intelligence, Algorithm and Complexity, Applied Data Analysis, Software Engineering

## PROJECTS

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*Web Developer Volunteer*, **QuestBridge**, Middletown, CT

03/22 – Present

- Architected a [website](#) for Wesleyan's QuestBridge Chapter to provide resources and guides for incoming 50 QuestBridge scholars navigating college as a low-income student
- Administered a team of 5 developers with React and utilized version control on GitHub
- Refactored overall design to host on CPanel with React and Tailwind CSS framework to fulfill highly requested updates from board members

*Text Similarity Tool (Summer Research)*, **Wesleyan University**, Middletown, CT

05/22 – 07/22

- Generated a Keras model utilizing TensorFlow and Google Collab to develop a text similarity detection tool, deployed on Google BigQuery data
- Trained and tested the model on a 5 GB collection of NBC transcripts and produced results 30% faster than existing Python text similarity tools

01/22 – 04/22

*Music Rating Web application (Class Project)*, **Wesleyan University**, Middletown, CT

- Employed React to create a [web application](#) for users to rate music in the community with Bootstrap as the framework and utilized REST API for user interactions
- Utilized Heroku to host Django backend and hosted the web application on Google Firebase
- Collaborated with two other members to convert the web application to a mobile application using React Native

## RELEVANT EXPERIENCE

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*UI/Front-end Developer Intern*, **Klembox**, Phnom Penh, Cambodia (Remote)

05/21 - 09/21

- Utilized [Adobe XD](#) to design the homepage for a startup called Klembox focusing on accessibility for native language speakers
- Tested and deployed the design on Amazon Lightsail and utilized Bootstrap framework for customization
- Received support from peers and gained experience implementing e-commerce API for bulk orders

*Code Wes*, **Wesleyan University**, Middletown, CT

06/20 - Present

- Co-founded a student-led computer science club to fortify a community of coders at Wesleyan University
- Collaborated with five team members to plan and host a Hackathon coding competition with over 60 participants
- Led weekly meetings and UX/UI tutorials utilizing Figma and Adobe XD with over 20 participants

*UI Designer*, **OurCampus**, Middletown, CT

08/21 - Present

- Designed a course scheduling/registration page on Figma for the mobile application of OurCampus, a Wesleyan student resource, focused on improving students' experiences during course registration and Drop/Add periods
- Communicated and collaborated with mobile developers utilizing GitHub and GitLab to discuss the feasibility of the overall design

*Manager, Instructional Media Services*, **Wesleyan University**, Middletown, CT

06/20 - Present

- Managed and trained over 100 new technicians to provide technical support to students and professors
- Directed technical evaluations each semester with 100% passing results to ensure proficiency in technical skills
- Planned and implemented new audio and video equipment in 30 classrooms to accommodate remote learning

## SKILLS AND INTERESTS

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**Languages (experienced):** Python, HTML, CSS, SML

**Languages (proficient):** JavaScript, SQL, PHP, C++

**Tools:** GitHub, Virtual Studio Code, Figma, AdobeXD, Google Collab Notebooks

**Frameworks:** TailwindCSS, Bootstrap, Django

**Libraries:** React.js

**Interests:** Rowing, Cycling, Formula 1, Assembling Modeling Kits

**Language:** English and Khmer