

Ryan Luu

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EDUCATION

Worcester Polytechnic Institute, Worcester, MA

Bachelor of Science in Computer Science - May 2023

Related Courses:

Object-Oriented Programming Concepts, Systems Programming Concepts, Introduction to Machine Organization and Assembly Language, Algorithms, Foundations of Computer Science, Software Engineering Human Computer Interactions, Computer Networks

PROJECTS

Interactive Qualifying Project, IQP (Hybrid), WPI

January 2022 – March 2022

- Teamed up with WPI and BSAC students to help and be consultants to the city of Sisaket, Thailand to progress towards a smart city through the aspect of smart tourism using LINE Official Account services
- Worked as the designer for the team and the Sisaket municipality using the Line Bot Designer to promote tourism through potential functionality of two-way communication through chatbot services

Web Development Prototype Project, Human Computer Interaction, WPI

October 2021 – December 2021

- Designed a user-friendly interface for an application to help those who struggle to have a life outside of work.
- Conducted think-alouds and interviews to understand what areas can be improved among the prototypes.
- Constructed lofi and hifi prototypes using Balsamiq Wireframes, Figma, and VSCode.

Project Manager/Assistant Lead Engineer, Software Engineering (Virtual), WPI

March 2020 – May 2020

- Collaborated on a nine-student team to apply Agile development methodologies in Java to create an indoor pathfinding application, map builder, COVID-screening survey, and integrated service request modules for Brigham & Women's Hospital
- Managed project tasks, coordinated the team, and kept all the members motivated using Trello and Version Control
- Helped gather software requirements by survey, interview, brainstorming, creating user stories, scenarios and storyboards using IntelliJ IDE and Gradle
- Worked as Front-End specialist to design UI/UX of the whole application using JFoenix and JavaFX

ADDITIONAL EXPERIENCE

Youth Coordinator (2020) / Student Leader - Southeast Asian Coalition, Worcester, MA

September 2015 – 2021

- Provided workshops on life skills to high school and middle school students
- Communicated effectively with various non-profit organizations to coordinate volunteer events
- Hosted the Asian and Moon Festival of Worcester, MA
- Managed the Lion Dance Team that has gone on to National Competitions

SKILLS

Programming Languages: Java, C++, C, JFoenix, HTML, CSS, Javascript, Python

Software Development Tools: IntelliJ IDE, GitHub, Gradle, CLion IDE, VSCode

Agile Project Management Tools: Git Version Control, Trello, Notion

Proficient in Adobe Photoshop and Illustrator

Languages:

Native Vietnamese

Conversational Spanish

Conversational Thai

HONORS/AWARDS

365Z Kindness Foundation Award Recipient (2019)

Webster Square Business Association Award Recipient (2019)

Greater Worcester Community Foundation: Grantee Agency Award Recipient (2019)

ACTIVITIES

Lion and Dragon Dancer of the Worcester Youth Nian Dancers

June 2014 - Present

President (2022), Secretary (2021), Member (2019) Vietnamese Student Association, WPI

October 2019 – Present