Bikram Subedi

Naturalized Citizen
114 Lysander Drive, Rochester, NY 14623
585-967-9186 | bxs1561@g.rit.edu

OBJECTIVE

Seeking an internship/co-op as a software engineer using programming, design and teamwork skills.

Available June 2020 – January 2021.

EDUCATION

Rochester Institute of Technology   *Rochester, NY*
Bachelor of Science, Software Engineering   **Aug 2017 - May 2022**

SKILLS

Programming Languages: Java, Python, C, JavaScript, Ruby
Modeling Languages: ERD, Promela (Jspin), Alloy
Developer Tools: IntelliJ, RubyMine, WebStorm, Atom, Keil, Vim, PyCharm, Github
Languages: English, Nepali, Hindi
Interests: Table tennis, Chess, Soccer, Reading, Programming
Communication Tools: Slack, TrelloBoard, Discord, Zoom

PROJECTS

Web Checkers, Personal Software Engineering (SWEN 261)   Spring 2019
- Collaborated with 5 teammates, follow the general software development flow to create an online web checker game; communicated via TrelloBoard and Slack.
- Designed the UI and controller in Java and HTML/CSS, focusing on GRASP and SOLID design principles.
- Refactored code during Sprint4 to reduce multiple responsibilities of classes and enhance low coupling/high cohesion principle.

NPhalanx, Ride Requesting System (iOS and web application)   2019 – present
- Collaborating with 8 developers to build ride requesting and managing system
- Designed and implemented UI to meet the project's requirements
- Used React Native for mobile platform and Ruby on Rails for the web.

Flashing Light (STM 32 KIT Board), Engineer Fund Computer Systems   Spring 2019
- Executed basic bitwise operations (C) and learned basic serial communication on an embedded system.

Library Book Management System   Summer 2019
- Collaborated with a team of 5 to create a Library Book Management System.
- Acted as a general programmer and implemented several library management features focusing on design pattern.
- Refactored code to reduce complexity and improved quality of code.

RIT Transportation System, Computer Science II   Fall 2018
- Used idea of a graph to generate a big picture of public bus stations.
- Applied concept of BFS, DFS and Dijkstra algorithm to find the shortest path and cheapest path between two exist stops.

ACTIVITIES

FIRST Robotics Team   *Rochester, NY*
Member   **October 2014 – June 2016**
- Worked with Mentors and Engineers to build a robot.