

LHAKPA SHERPA

SOFTWARE DEVELOPMENT ENGINEER

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Seattle, WA 98105

EDUCATION

BSc in Computer Science
Seattle Pacific University

Sep 2016 - Jun 2020

- Honors: Dean's List (8/12 quarters), Office of Global Engagement Outstanding Leadership Award, 3.45/4.00 GPA
- Related Coursework: Data Structures and Algorithms, Operating Systems, Database Management, Systems Design, Software Engineering, Web Development, Human-Centered Design, Computer Architecture, Technical Writing
- Involvement: SPU Developers Club, International Students Club, Social Media Assistant, Intramurals Soccer

TECHNICAL SKILLS

- Programming Languages: C++, C#, C, JavaScript, TypeScript, Python, HTML/CSS, Dart
- Dev Tools: Flutter, React, React Native, Redux, Node.js, REST, JSON, ASP.NET, MySQL, MongoDB, AWS, Jira, Asana, Git

PROJECTS

Spotted ([github](#)), *Software Engineer*

Jan 2020 – Jun 2020

- A cross-platform mobile application aimed to facilitate communication between college students regarding help with academics, social, and housing questions
- I was responsible with front-end development using Flutter including BloC (a state management framework) implementation. Learned State Management, Agile (Scrum) Methodology, and Project Management
- Frontend: Dart (Flutter); Backend: Typescript, Node.js, Sequelize, MySQL, AWS Elastic beanstalk, Travis CI

Bubul ([bubulapp.com](#)), *Application Designer*

Mar 2020 – Jun 2020

- Research and Design project in collaboration with SPU Art department. A mobile application to facilitate community building and information resource management for institutions during remote learning
- Collaborated with a group of eight students from various disciplines and conducted campus-wide research, survey, and analysis to better understand the problem and proposed a solution using principles of Human-Centered Design

Parking Tracker ([project details](#)), *Project Lead*

Mar 2019

- An NB-IoT system designed to check the location and occupancy of parking spots and keep track of parking time. Lead a team of 5 in a hackathon
- Developed an embedded system to collect and analyze data from electronic sensors, and used Twilio Cloud Services over T-Mobile network to notify drivers and management via text message

RELEVANT EXPERIENCES

Software Engineer/Co-Founder, *Studimore - Seattle, WA*

Jun 2020 – ongoing

- Working with a friend to take our senior project to a tech start-up and working to bring our app to the public. Studimore (Study More) will provide a platform for students to mentor each other and promote growth within the campus community leveraging the expertise and experiences of every student
- Responsible with leading front-end development and UX/UI design tasks. Oversee iOS and Android repository to ensure cross-platform functionality of React App
- Build and maintain the company [website](#) written in Next.js; a React.js framework

Computer Science Instructor Intern, *ID Tech Camps – UW, Seattle, WA*

Jun 2019 – Jun 2020

- Developed and taught unique curriculums designed for children aged 8-16 focused on programming concepts in (JavaScript, C++, C) and Game design (Scratch, Game Maker Studio)
- Received an average of 9.6/10 in Instructor Ratings from roughly 120 reviews and about 30% students returned for an additional week of camp

Tech Services Specialist/Supervisor, *SPU Library – Seattle, WA*

Jan 2017 – Jun 2020

- Provided end-user support and resolved technical issues within the Library
- Ensured superior customer service and smooth administration, which led to two promotions within my first year of work
- Provided leadership and direction for student workers including supervision, orientation, and training

President/Founder, *High School Robotics Club – Kathmandu, Nepal*

May 2013 – Jun 2015

- Founded a Robotics Club in high school for the first time. The club has yielded more than 15 national awards up to date and is continuing to help students explore, learn, and grow in the field of Robotics
- Lead a school team of 5 students in various robotics competitions: two National runner-up titles ([Robotics Association of Nepal](#)), one International participation (National Robotics Championship 2014 – IIT, India)