

U Khyoi Nu

US Permanent Resident

Motivated fresh graduate seeking a position with the opportunity to develop skills while contributing to creative and challenging solutions.

EDUCATION

MS in Computer Science Spring 2019 - Fall 2020
San Francisco State University, San Francisco, CA, USA

BSc in Computer Science & Engineering Jan 2013 - Sep 2017
Shahjalal University of Science and Technology, Sylhet, Bangladesh

PROFESSIONAL EXPERIENCE

Summer Research Assistant Summer 2020
San Francisco State University, San Francisco, CA, USA

Python, Scikit-learn, NumPy, Pandas, SHAP, Tableau
• Worked on data preprocessing, feature engineering, developing machine learning models, extracting impactful determinants using feature importance and data visualization.
Publication - <https://ieeexplore.ieee.org/document/9308353>

Instructional Student Assistant Spring 2020, Fall 2020
San Francisco State University, San Francisco, CA, USA
Java, Git, AWS, MySQL
• Graded, mentored and occasionally instructed the courses - Introduction to Computer Programming (CSC 210), Data Structures (CSC 220) and Software Engineering (CSC 648/848).

Software Development Intern October 2017 - March 2018
Backpack Technologies Inc., Dhaka, Bangladesh
Git, React, Node.js, MySQL, Optimizely, Bootstrap, PHP, HTML, CSS, Postman, BigQuery, CircleCI, Docker
• Created a bulk messaging application.
• Designed and developed a flight booking site from scratch.
• Ran A/B testing on the company website.
• Worked with both technical and non-technical teams to analyze user data for improved customer experience.

TECHNICAL SKILLS

Languages : Java, Python, C, PHP, HTML, CSS

Databases : MySQL, MongoDB, SQLite

Frameworks/Libraries : Django, Laravel, React, Node.js, Bootstrap, Scikit-learn, NumPy, Pandas, SHAP

Tools : Git, Tableau, MATLAB, AWS, NGINX, uWSGI, XAMPP, Optimizely, IBM SPSS, Unity, Postman, LaTeX, Google SketchUp

Operating Systems : MacOS, Linux, Windows

14941 Freeman Ave

San Jose, CA 95127

(415) 636-0427

Email : khyo.64@gmail.com

Website : <https://khyokhyo.github.io>

PROJECTS

Ceres Sep 2019 - Dec 2019

Git, Python, Django, MySQL, AWS, NGINX, uWSGI, HTML

- An online application to minimize food waste.
- Worked as the team-lead and full-stack developer in a team of six.
- Responsible for designing the product features and database schema.
- Set up and maintained the database and web server on AWS.
- Developed key backend functionalities, database interactions.

Ekushe Bangla Keyboard Oct 2016 - Sep 2017
<https://play.google.com/store/apps/details?id=com.bangla.keyboard>

Java, Android, Trie

- A gesture based transliteration keyboard for android with **50,000+ users on Google Play Store**.
- Researched, designed, developed and tested the alpha version as front-end and back-end developer in a team of two.

ProctorSUST Oct 2016 - Mar 2017

<https://github.com/khyokhyo/proctorSUST>

PHP, Laravel, MySQL, Bootstrap, HTML, CSS, XAMPP

- A web application developed for university proctor office. The application supports multiple user views based on roles.
- Gathered requirements and designed the product features by communicating with users and stakeholders.
- Designed database schema and built the website as full-stack developer in a team of two.

OTHERS

- Conducted a hands-on workshop on React for beginners attended by 30+ participants (2018).
- Participated in "HackBackPack 2", a hackathon organized by Backpack Technologies, Inc. and won an internship (2017).
- Participated in "National Mobile Application Trainer and Innovative Application Development Program" (2015).