Niger Sultana Tahniat

Experienced Software Engineer and First-year Ph.D. student at Portland State University in Computer Science looking for graduate assistantship opportunities to broaden my knowledge and enhance my skills by utilizing my creativity and communication skill.

SKILLS & QUALIFICATION

Educational Qualification:
- Bachelor's degree in Computer Science and Engineering.
- Studied abroad during Bachelor's degree in **Student Exchange Program** and worked with multi-cultural students.
- Worked as a Teacher's Grader.
- Worked as a club member and volunteer in University Career Counselling Center, Computer Club, and Competitive Programming Club and arranged several programs as a team member.
- Participation in different Programming contests and Hackathons.

Programming Skill:
- Experienced with HTML, CSS, PHP, SQL for 5+ years.
- Experienced with Typescript, Javascript, Bootstrap04, Angular07+, Postman for 2+ years.
- experienced in architecting and delivering complex, innovative, responsive web applications and handling APIs, JSON data and services.
- C/C++, OOP and java
- Critical Problem-Solving
- Scrum/Agile methodology
- Expert in troubleshooting and bug fixing.

Professional Qualification:
- Study abroad with multi-cultural students
- Excellent written and oral communication and organizational and computer skills.
- Strong Microsoft Outlook, Excel, and Word skills.
- Adopting new technologies briskly and fast learner.
- Time management and research skills and leadership skills.
- Ability to work with the public.
- Experienced with work in a fast-paced and high-pressure work environment
- Ability to work with multiple tasks with strong attention to detail

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Visa Status: Green Card holder
Graduate Program: Ph.D. in Computer Science

EDUCATION

University Malaysia Pahang (UMP), Malaysia — Student
Exchange Program (B.Sc. in Computer Science and Engineering)

February 2018 - June 2018

GPA: 4.00/ 4.00

United International University (UIU), Bangladesh
B.Sc. in Computer Science and Engineering

February 2014 - July 2018

GPA: 3.72 / 4.00

ACHIEVEMENTS

Awarded to study abroad at UMP with full tuition fee waiver and achieved perfect GPA 4.00/4.00

Scholarships in Bachelor Degree tuition fee waiver for excellent CGPA in all trimesters

Awarded for the programming contests participated in UIU Intra University Programming Contest and National Girls Programming Contest (NGPC)

EXPERIENCE

LeadSoft Bangladesh LTD — SOFTWARE ENGINEER

October 2018 - January 2020

Responsibilities and Duties:

- Actively worked on the Capital Market Development software and Banking software named 'Capita' *and* Developed a new version of this large scale and complex software named *'TradeMax'* utilizing cutting edge technologies to transform service performance, durability, cost and security.
- Used technologies **Angular 08, HTML5, CSS3, Bootstrap4, TypeScript, JavaScript, JQuery, Oracle Database, Postman** to implement the front-end development.
- Requirements analysis, understanding of the business side of application implementation, design, implement, bug fixing, test, unit testing, deploy and maintain the software.
- Maintained documentation and wrote clean, well-documented code.
- Collaborate with team members, back end, testing, marketing team, and clients to meet programming expectations, product features designs, and deploy different modules to the clients.
- Practiced the Software Development Life Cycle (SDLC) phases. experienced in Scrum/ agile methodology and DevOps.
- Developed modules of *Capita* using **Oracle ADF framework, Java, Oracle Database using JDeveloper and PL/SQL**
- Learned the share market software's *backend* business logic and passed the business exam
- Performed research and training and other duties as assigned and provided training, mentoring and support to other co-workers.

THESIS

Edge Computing For the IoT — *Supervisor Dr. Salekul Islam*

We developed a face recognition framework as an IoT application.

PUBLICATION

Jani, Md Rafsan, Md Toha Khan Mozlish, Sajid Ahmed, <u>Niger Sultana Tahniat</u>, Dewan Md Farid, and Swakkhar Shatabda. "iRecSpot-EF: effective sequence-based features for recombination hotspot prediction." *Computers in biology and medicine* 103 (2018): 17-23.

ACTIVITIES

HACKATHON

Particpated in the National Women Hackathon 2017 in the category of Agriculture and Environment in February, NASA Space App Challenge Hackathon in April 2017, Hackathon for Environmental Migration in December 2017

ACM

Participated in the university's programming contests including

UIU Intra Programming Contest, National Girls Programming Contest, ICPC and NGPC Preliminary Contests.

GRADER

Graded Physics, Algorithm, Numerical Method and Software Engineering courses during my undergraduate degree

ACTIVITIES

Worked as a club member in UIU Career Counselling Center, UIU Competitive Programming, Computer Club

REFERENCE:

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