

PRASHANTA SAHA

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OBJECTIVE

Software engineering enthusiast looking for a software engineer internship opportunity. 3 years of software development experience and currently studying PhD in Computer Science. Ready to challenge problem-solving skills, accelerate learning experience and develop interpersonal communication skills as a dedicated team member.

EDUCATION

PhD in Computer Science, Montana State University Expected 2022

Relevant Coursework: Software Engineering, Software Testing, Software Prototypes, Data Structures, Data Mining, Database Systems, and Algorithms.

Master of Computer Science, Montana State University 2016 - 2020

Bachelor of Computer Science & Engineering, Rajshahi University of Engineering & Technology 2008 - 2012

SKILLS

Front End:	JavaScript, HTML, CSS, Bootstrap, React Native, PowerScript
Back End:	JAVA, PHP, Python, R, C, MYSQL, MSSQL, MongoDB, Realm
DevOps:	Github, CI, CD, Docker, Kubernetes
Frameworks and tools:	SQLAnywhere, Eclipse, Microstrategy, Selenium, Randoop, Rstudio, SCRUM
Operating Systems:	Windows, Linux, Unix

EXPERIENCE

Research & Teaching Assitant Jan 2016 - Present
Gianforte School of Computing, Montana State University *Bozeman, MT*

- Major research area: Software Quality Assurance, Automated Software Testing, Test Case Generation
- Software Testing Domains: Machine learning applications i.e. WEKA and Numerical programs

Software Engineer Feb 2013 - Dec 2015
IQVIA (former IMSHealth) *Dhaka, Bangladesh*

- Developed new features and enhanced existing features of internal project called PADDs Development for 10 international clients using Powerscript and SQLAnywhere
- Designed various web dashboards using php, HTML and Javascript for 5 internal clients

PROJECTS

METTester. Introduced a software testing tool called METTester for testing scientific softwares using Metamorphic testing technique (Java, Python). [Github](#)

USMP(Unstable Slope Management Program). Served as a rating tool for USMP used by FHWA & NPS (php, React Native). There is a web-based database tool as well as a mobile application (Android and IOS) version of this tool.[USMP Play Store](#) [App Store](#)