

Sergelenbayar (Bayar) Tsogtbaatar

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OBJECTIVE	Obtain a position and provide value to a company that offers opportunities to learn.	
EDUCATION	University of California San Diego B.S. in Mathematics - Computer Science	June 2020
EXPERIENCE	Associate Software Engineer Infosys (Early Warning Services)	Oct. 2020 - Present
	<ul style="list-style-type: none">Using Apache open source software like Hive, Hadoop, Kafka, HBase, Spark and MapReduce for data aggregation and analysis. Also used Gitlab and Bamboo for CI/CD and Jira to track issues.Developed and deployed a new internal datastore as part of Project REACH and demo'd it for Delivery team with necessary documents.Integrated Veracode scans for a pre-existing GitLab CI/CD pipeline and reduced reported vulnerabilities by 100%.Performance testing for Dev/QA environments using JMeter and Gatling. Wrote documentation on the team workspace Confluence on how to setup JMeter for specific environment(s).	
	Intern Mova Globes	Aug. 2018 - Nov. 2018
PROJECTS	<ul style="list-style-type: none">Automated engravings on glass bases using CAD software.Served 50+ customers/companies worldwide and delivered 500+ engraved glass bases.	
	Housemates: (Javascript)	
	<ul style="list-style-type: none">Helped design and implement an anonymous chore-management app using both Agile and Waterfall methodology within class.It balances the workload automatically based on a point system and assigns the tasks. It also alerts your housemates anonymously of chores that need to be done, the app uses React Native, Firebase and REST APIs.	
SKILLS	2048: (Java)	
	<ul style="list-style-type: none">Developed from scratch a sliding block game using Java and JavaFX.	
	Huffman Compression (C++)	
	<ul style="list-style-type: none">Implemented Huffman's lossless system to encode and decode files with bitwise I/O.	
	Haskell Interpreter:	
	<ul style="list-style-type: none">A prompt for executing Haskell commands and scripts implemented with a Lexer/Parser and uses Lambda Calculus for logic.	
	Webpage Maintenance:	
	<ul style="list-style-type: none">Maintain web-hosting for families business on GoDaddy. Do some occasional changes to third party source code to keep links up to date and also manually update SSL's whenever needed.	
	Languages: Java, C/C++, Python, HTML, CSS, Javascript,	
	SQL, ARM,	
	Technologies: Git, GitLab CI/CD, Docker, Angular, Spring Boot, REST and SOAP, Veracode, JMeter, Gatling, gradle, Postman, HBase, Solr, Kafka, VCS	

Communication: English (Proficient), Mongolian (Basic)