

# Steven Joseph Khouri

New Brighton, MN | 763-670-8464 | steven.j.khouri@gmail.com | www.stevenkhouri.com

Seeking a full-time position

## Education

Bachelor of Computer Engineering | University of Minnesota - Twin Cities | Graduated Spring 2019 - GPA: 3.4

## Professional Experience

**Cupsndice.com** - Software Engineer/Owner

*New Brighton, MN | August 2022 - Current*

- Founded a company that sells high-tech dice cups which provide over 15 games in one set.
- This toy also educates teens on the dangers of gambling, math, and statistics.
- Deployed an ecommerce website on an AWS kubernetes cluster.
- Filed for a patent in the United States Patent Office. It is currently in patent pending status.

**Target** - Software Engineer - Inventory Move Replenishment Team

*Brooklyn Park, MN | May 2019 - August 2022*

- Developed and maintained a sales floor replenishment application in a collaborative team setting.
- Designed elastic search pipelines for efficient metric storage and visualization.
- Contributed to creation of a Gradle deployment plugin for JVM projects used across organizations.

**Intel** - Product Development Intern - 3DXP Memory (Optane SSD chips)

*Folsom, CA | May 2018 - August 2018*

- Scripted and executed tests for functionality assessment of 3DXP chips.
- Programmed data analysis and visualization scripts in Python for manufacturing processes.
- Deployed a real-time data collection server application for 3DXP tester.

**Smiths Medical** - R&D Intern - Software Development Team

*Plymouth, MN | May 2017 - August 2017*

- Conducted rigorous testing of the Medfusion drug delivery pump, "Olympus".
- Automated GUI testing using Sikuli library, while adhering to FDA regulations on IBM DOORS.
- Developed a Jython Sikuli API and provided training to 5-10 engineers.

## Relevant Skills

**Programming Languages:** Kotlin, Python, JavaScript, Java, Groovy, Verilog, C++, C, C#, PHP

**Storage Solutions:** Postgres, MySQL, MongoDB, Redis, Elastic Search

**Tech Stacks:** *Python* Flask, *JVM* Spring Micronaut, *JavaScript* React Vue Node.js, *PHP* Laravel

**Standard Programmer Skills:** Code deployment, testing, peer review, GitHub, test-driven development, Scrum/Jira, system design, web and embedded design.

**Languages:** Fluent in English and Arabic.

## Professional Development

- Lead the development of two metrics pipelines for both POS systems and Inventory systems at Target
- Mentored and assisted interns in JavaScript React development.
- Conducted bi-weekly demos at Target and enhanced public speaking skills.
- Presented 5-10 fellow engineers with an api for GUI testing a Medfusion Pump