TIM ABIL
SOFTWARE ENGINEER

https://github.com/tabilzad website
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I seek challenging opportunities where I can fully utilize a totality of my skills for the success of your company.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER - XP
BLUE CROSS AND BLUE SHIELD
June 2018 — PRESENT

Served a role of a Lead Developer rotating through multiple teams to design and develop RESTfull, cloud-native microservices and micro front-ends while coaching younger developers SOLID design principles and other modern practices of agile programming. Have been actively involved in interviewing candidates, establishing development guidelines as well as spreading XP culture across several internal portfolios.

SOFTWARE ENGINEER
CNA FINANCIAL CORPORATION
March 2017 — June 2018

Led a team of software engineers during a migration of legacy systems to cloud-native, Spring-based microservice architecture for CNA partners at Pivotal Labs. Mastered Agile software development methodologies. Practiced a number of extreme programming (XP) concepts. Gained colossal experience in test driven development as well as pair programming.

RESEARCH ASSISTANT
DEPAUL UNIVERSITY
Nov 2015 — PRESENT

PUBLICATIONS
https://arxiv.org/pdf/1711.00955.pdf
https://arxiv.org/pdf/1901.10226.pdf

Developed high performance Monte Carlo simulations in order to obtain a large number of realizations of a stochastic process, which is modeled in a way so that its probabilistic characteristics would coincide with the analogous qualities of a chosen natural quantum phenomenon. Worked on graphical visualization of all data obtained for the successive analysis and final publication of the results to Physical Review Letters
Faculty Advisor and co-author:
John J. Kozak - Ph.D - DePaul University

EDUCATION PATH

DEPAUL UNIVERSITY
Aug 2013 — March 2017

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Minor: Mathematics

Cumulative GPA: 3.90
Major GPA: 3.92

PROFFESIONAL SKILLS AND ABILITIES

LANGUAGES

Russian
Ukranian
Azeri

PROGRAMMING LANGUAGES

Kotlin
Java (8-13)
TypeScript
JavaScript
Swift
Wolfram
PL/SQL
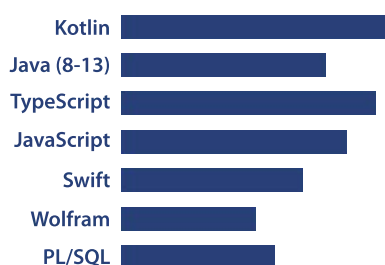
APPLICATIONS/TOOLS

IntelliJ IDEA
Microsoft Visual Studio
Pivotal Cloud Foundry
Pivotal Gemfire
Mongo DB
Redis
Concourse CI
NewRelic
Dynatrace
GitHub Enterprise
Anypoint Mulesoft
Maple
WireShark
IBM SPSS
Wolfram Mathematica

CONCEPTS/FRAMEWORKS

Distributed Systems
Data Structures
Design Patterns
Scientific Research
Object-Oriented Programming
Pair Programming
Reactive Programming
Functional Programming
Test Driven Development
Spring Framework
SOLID Principles
Gradle/Maven
React JS
KMM

PERSONAL PROJECTS

Internal Proxy
Monte Carlo Simulations
Raspberry Pi Robot
iOS/Jailbreak Development
E-Commerce Website
Unraid Server

REFERENCES

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Sr. Architect CNA FINANCIAL
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