Zeynep Acar

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Prior Name: Zeynep Dogmus

WORK EXPERIENCE

2020 - Current   Hootsuite, Vancouver, Canada
Senior Software Developer
- Designed and implemented social network proxy service to improve egress traffic to social networks. Internal adaptation has already started with 3 teams.
- Developed and maintained ingestion components such as webhook services and services that call social network APIs as part of the Channel Integrations team.

2020 - 2020   Electronic Arts, Vancouver, Canada
Software Engineer
- Designed and implemented new features for the upcoming FIFA Mobile season
- Assisted support engineers in fixing player issues with the live game

2019 - 2020   Bol.com, Utrecht, The Netherlands
Software Engineer
- Created an advertisement management service and integrated it with a sponsored products campaigning system. Shipped to production ahead of schedule.
- Implemented a balancing mechanism for the sponsored products using reactive programming. Met our performance budget of <100ms per request.

2016 - 2019   Connectis R&D, Rotterdam, The Netherlands
Software Developer
- Developed and maintained Java/Kotlin codebase of Connectis Identity Broker
- Reimplemented attribute provider component based on SCIM protocol in a team of five. Delivered on time and achieved at least 3 times better performance.
- Worked on different parts of the codebase such as the Java adapter, configuration store, eRecognition support and identity provider

2013 - 2015   SAP Development Center, Istanbul, Turkey
Software Developer
- As a member of a development team across three locations (Germany, Vietnam and Turkey), developed SAP IT Operations Analytics (ITOA) product
- For ITOA, implemented backend services in JavaScript, an input adapter for real-time data streaming in Java, a prototype in Golang

EDUCATION

2011 - 2013   Sabanci University, Istanbul, Turkey. M.S. in Computer Science and Engineering
- GPA: 3.81 / 4.00
- Full tuition scholarship (2 years)
- Research project scholarship from The Scientific and Technological Research Council of Turkey for the expenses of Master's project
- Thesis Title: An Ontology System for Rehabilitation Robotics

2007 - 2011   Hacettepe University, Ankara, Turkey. B.S. in Computer Engineering
- GPA: 3.35 / 4.00 (6th out of 137 students)
- Graduation Project: Detection of Ad Hoc Flooding Attacks in Mobile Ad Hoc Networks Using Machine Learning Methods

SKILLS

Programming:
    Proficient: Java, Scala
    Familiar: Kotlin, PHP, TypeScript, SQL, C#, C/C++

Tools: Play, sbt, Guice, Docker, Maven, Spring Boot, Spring Webflux, Cucumber, Vagrant, Ansible

Version Control: Git, Mercurial, Perforce

Databases: MySQL, MongoDB, PostgreSQL, H2

SELECTED PUBLICATIONS

- Zeynep Dogmus, Esra Erdem, and Volkan Patoglu. RehabRobo-Query: Answering Natural Language Queries about Rehabilitation Robotics Ontology on the Cloud. In *Semantic Web Journal*, 2019.
- Zeynep Dogmus, Esra Erdem, and Volkan Patoglu. ReAct!: An Interactive Educational Tool for AI Planning for Robotics. In *IEEE Transactions on Education (IEEE TOE)*, 2014.
- Zeynep Dogmus, Esra Erdem, and Volkan Patoglu. RehabRobo-Onto: Design, Development and Maintenance of a Rehabilitation Robotics Ontology on the Cloud. In *RCIM*, 2014.
- Zeynep Dogmus, Agis Papantoniou, Muhammed Kilinc, Sibel A. Yildirim, Esra Erdem and Volkan Patoglu. Rehabilitation Robotics Ontology on the Cloud. In *Proceedings of the Thirteenth International Conference on Rehabilitation Robotics (ICORR 2013),* 2013.