STEFAN BASTAJIC

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WORK EXPERIENCE

9/2022-ongoing   **Software Engineer**, Centific (**Microsoft Redmond contractor**), Remote
Projects participated:
9/2022-5/2024   **EDiscovery and Compliance Manager**
- Services development, API development, performance improvement, refactoring and maintenance, unit tests, deployment;
- Skills: C#, .NET, CosmosDB, Azure, Service Fabric, Power Shell, Azure DevOps, Git;
- Took ownership of various features. Helped creating new Compliance Posture Management by taking ownership of **refactoring** multiple APIs and helped implementing new way of **scoring**.
- Eagerly finished my duties and communicated constructively with **Redmond** and **IDC** teams.

3/2020-9/2022   **Software Engineer**, Ubisoft Belgrade, Serbia
Projects participated:
12/2021-9/2022   **Unannounced project (game development from scratch)**
- Implemented new features for Editor Tool for Designers;
- Responsible for Ubisoft Connect (online) systems;
- Handled Gameplay Statistics, Events, Achievements, Rewards, Inventory;

3/2020-12/2021   **Porting Games to Google Stadia Gaming Portal**
- Responsible for various game engine systems like: Save Game, UI, Input Mapping, Scripts, Prebuild Tools;
- Mentored newcomers. Refactored the code, since Stadia servers are running on Linux. Fixed various kinds of gameplay and engine related bugs and crashes (including legacy bugs) and fullfiled various Stadia technical requirements (STRs);
- Coded in **C++** and **C#**.

EDUCATION

10/2019-9/2021   **University of Belgrade**, School of Electrical Engineering, Belgrade, Serbia
- **Master of Science** in Electrical Engineering and Computer Science;
- Department of **Signals and systems (with a focus on Machine Learning)**;
- **Master's thesis**: *"Calculation of Disparity Maps in the System for an Autonomous Vehicle"*

10/2015-9/2019   **University of Belgrade**, School of Electrical Engineering, Belgrade, Serbia
- **Bachelor of Science** in Electrical Engineering and Computer Science;
- Department of **Computer Engineering and Informatics**;
- **Bachelor's thesis**: *"Development of Neural Network for Autonomous Driving"*

SKILLS

Programming/Scripting/Querying languages:
- Most experienced with: **C++**, **C#** and **SQL**
- Basic knowledge: C, HTML, CSS, JavaScript, Java;

Frameworks: ASP.NET Core, .NET, Entity framework;

Tools:
- Docker, Linux, Git, Azure, Cosmos DB, Azure DevOps, Power Shell, Visual Studio, Perforce, Jira;

Soft skills:
- Assertive, Teamworking person, Takes ownership, Responsible, Loves challenges, Open minded;

SOME UNIVERSITY PROJECTS

- Development of a kernel of multithreaded operating system that supports concepts of semaphores and events;
- Development of instructions of a simple processor;
- Development of x86 assembler;
- Development of a micro Java compiler;
- Fullstack development of internet application for a Bus terminal;
- Development and design of a Smart House Informational System funcitionalities;
- Development of backend of a web shop;

INTERNATIONAL COURSES

1/10/2018-9/10/2018   Yildiz Technical University,
Are you Koalafied to MANAGE your PROJECT? course, Istanbul, Turkey
13/9/2017-22/9/2017   AGH University of Science and Technology,
Pulp 3Diction course, Krakow, Poland
16/7/2017-23/7/2017   University of Aveiro,
IoT Squad course, Aveiro, Portugal
16/5/2017-20/5/2017   University of Belgrade,
Soft Skills Academy, Belgrade, Serbia

LANGUAGES

- Serbian – Native;
- English – Professional working proficiency;