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DIMA MUKHIN

EMPLOYMENT

Software Engineer — **Electronic Arts** — **May 2018 – Present**
Vancouver BC

- Devised solutions for Server-Side Rendering, Code Splitting, and caching in **React** applications
- Designing and implementing Microservices with **Node** and **TypeScript** while following industry best practices to replace legacy services and improve performance and cost
- Engineering a **GraphQL** gateway layer to orchestrate between numerous REST and gRPC Microservices

Software Engineer — **IBM – IBM Cloud** — **September – December 2017**
Markham ON

- Designed, implemented, and documented an **Angular** application used to provide cloud environment availability information and management tools
- Designed and implemented a **Node** & **MongoDB** RESTful API for cloud availability and incident statistics by executing algorithms and mathematical calculations on a large collection of data gathered from multiple remote sources
- Utilized Agile development and HCI concepts while working closely with development teams and end-users around the world to incorporate feedback and prioritize features

Software Developer — **Niche Technology** — **January – April 2017**
Winnipeg MB
Niche is a leader in development of mobile and desktop intelligent record management applications to police services

- Implemented numerous user interfaces such as administration windows, quick & detailed searches, and property/evidence control using **C#**, **WPF**, and **XAML**
- Developed the custom build configuration system, and modified the custom compiler and preprocessor to support new syntax and improve the performance of the application
- Designed and implemented the touch drag and drop system while ensuring high performance on all devices

EDUCATION

University of Manitoba — **Bachelor of Computer Science** — **September 2014 – Present**
Expected Graduation, May 2019

- Cumulative GPA: **4.25/4.50**
- CSSA Programming Contest: **1st place**
- Dean's Honors List: All terms

PROJECTS

EmojiCutter: Web app that lets users generate and post huge emojis on Slack

- Developed a Node Express.js image processing service and a React front-end application

Intern.Apply: Internship job board and social media Web and Android application

- Thoroughly tested application consisting of a Node back-end, Angular and Android front-ends, and a MySQL database

BikeWell: Smart dash-cam app that encourages good behavior for cyclists. A Vanquish Collisions Hackathon project

- Engineered a ReactNative mobile application and a Node Koa server

OPEN SOURCE CONTRIBUTIONS

DefinitelyTyped: Most popular repository for high quality TypeScript type definitions — 17.7k ★
- Implemented Type definitions for the popular 'koa-redis-cache' and 'koa-session-redis' modules

Algos: One of the most popular open source algorithms libraries on GitHub — 700 ★
- One of the top contributors. Implemented numerous algorithms in different languages

SKILLS

Languages	Frameworks and APIs	Database	Other
JavaScript • TypeScript	Node.js • React • Angular	SQL • Relational Databases	Git • JIRA • Docker
Java • C • C# • C++	ReactNative • WPF	NoSQL • MongoDB • Redis	

EXTRACURRICULAR

- Hackathons: Vanquish Collisions Hackathon, Local Hack Day UofM, Local Hack Day IBM
- Regular participant in algorithm programming contests. Top 6 percentile on LeetCode
- Participated in the international final stage of a safe-cracking physics tournament