Anton Ogandzhanyan

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Available: Jan. – Jun. 2018
https://github.com/ogand-anton
https://ogandzhanyan-anton-webdev.herokuapp.com/

Education

Northeastern University | College of Computer and Information Science | Boston, MA   *exp. Dec. 2018*
Candidate for a Bachelor of Science in Computer Science & Physics
Courses: Software & Web Dev. | OOD | Algorithms | Quantum Mechanics | Multivariate Calc. | Differential Eq.
Honors: 3.96/4.0 GPA | Lawrence Award for Scholastic Excellence in Physics | Dean's List

Computer Knowledge

Languages: C# | TSQL | JavaScript [Node & Express, Marionette & Backbone, Angular 1, jQuery] | Java | C++ | C
MongoDB | HTML | CSS | Sass | Less | XSL | (*Familiar:* R | React & Redux | TypeScript)

Tools: ASP .NET MVC, MS SQL Server, SQL Server Profiler, IIS, Heroku, mLab, RequireJS, Log4Net,
Ghostscript, Gulp, Compass, git, JUnit, UNIX SunStudio, tcsh Shell, GCC Compiler

Experience

Middleware & Back End Software Engineer Co-op | *Projector PSA* | Boston, MA   *Dec. 2016 – Present*
- Refactored entire C# document storage/processing server for stability in a multithreaded environment and improved document uploading, previewing, caching, maintaining, and housekeeping efficiency
- Rewrote all C# services comprising entire backup infrastructure to improve error handling, verify backup transfer and application to offsite DB, and quicken independent document backup process
- Initiated and improved release engineering processes by building C#, TSQL, and DOS tools/scripts to automate nightly development builds, aggregate patch-required information, and mock production deploys
- Optimized TSQL queries, resolved deadlock issues, and refactored/augmented numerous stored procedures
- Researched and conducted upgrade to SQL Server 2012, including all code changes, re-allocations of tempdb disk space and server memory, and performing in-place upgrade on QA and production environments

Front End Software Engineer Co-op | *Projector PSA* | Boston, MA   *Jan. – Dec. 2016*
- Abstracted app-level and module-specific code in Marionette for consistent behavior across entire web app
- Reduced page load performance to 1 second by implementing RequireJS and pre-processing resources with Gulp
- Debugged browser-specific bugs and resolved them in a manner that provided cross-browser consistency
- Improved UI responsiveness by rewiring event flow, especially when handling hundreds of entities simultaneously
- Redesigned page layout using Sass, CSS, and media queries in collaboration with the UI Lead and Designer
- Consolidated encoding and decoding of user input across UI, server, and database layers

Software Development Intern | *PTC, Inc.* / Needham, MA   *May – Aug. 2015*
- Debugged version-specific bugs and implemented new behavior in CAD product using C
- Resolved time-critical customer issues, from bugs to data integrity violations, around the clock
- Refactored class hierarchy of over 100 C++ classes to improve memory management efficiency
- Updated, fixed, and maintained 1000+ automatic regression tests while testing updated functionality
- Collaborated with multiple teams of developers, QA engineers, PMs, and other company groups

Independent Projects

Poetry Paradise   *Jul. 2017 – Present*
- Co-building website for uploading, reviewing, translating, and searching poetry using MEAN stack

Global Information Ethics and the Law   *Dec. 2016 – Present*
- Editing a book focusing on ethical issues and legal contentions that computers have and will continue to generate

Introduction to Statistical Learning   *Feb. – May 2017*
- Completed a Stanford online course introducing linear/logistic/non-linear/tree regression, discriminant analysis, cross-validation, support vector machines, and unsupervised learning

Interests & Skills

Fluent in Russian | Climbing & Bouldering for 13 years | Recurve Archery | Automotive Design | Riflery