

# Anton Ogandzhanyan

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Available: *January – June 2018*

<https://github.com/ogand-anton>

<https://ogandzhanyan-anton-webdev.herokuapp.com/>

## Education

**Northeastern University** | College of Computer and Information Science | Boston, MA *September 2014 – Present*

Candidate for a Bachelor of Science in Computer Science & Physics

*exp. December 2018*

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 *December 2016 – Present*

- Refactored entire C# document storage/processing server for stability in a multithreaded environment and faster document uploading, previewing, caching, maintaining, & housekeeping
- 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 dev 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 & server memory, and performing in-place upgrade on QA and production environments

**Front End Software Engineer Co-op** | Projector PSA | Boston, MA

*January – December 2016*

- Abstracted app-level and module-specific code in Marionette for consistent behavior across entire web app
- Reduced page load performance to 1 second after implementing RequireJS and pre-processing JS & CSS 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 & decoding of user input across UI, server, and database layers

**Software Development Intern** | PTC, Inc. / Needham, MA

*May – August 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, & 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**

*July 2017 – Present*

- Co-building website for uploading & reviewing poetry on MEAN stack with utilization of an external API

**Global Information Ethics and the Law**

*December 2016 – Present*

- Editing a book focusing on ethical issues and legal contentions that computers have and will continue to generate

**Introduction to Statistical Learning**

*February 2017 – 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