

JON JANELLE

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Dedicated web application developer, problem-solver, and learner

Technical Skills

- Strong knowledge of Ruby, JavaScript, C#, and Java
- MVC and MVVM development experience using Ruby on Rails, ASP.NET, and Laravel
- Front-end development experience using React, AngularJS, ES6, jQuery, Handlebars, SASS, HTML5, and CSS3
- Firm grasp of both objected-oriented and functional design paradigms
- Skilled in the design and usage of both SQL and no-SQL database systems

Relevant Work Experience

Nextgengolf, Boston, MA **06/2017 - Present**
Software Engineer

- MVC web application development using Ruby on Rails, PostgreSQL, Redis, NGINX, and Ansible
- Front-end development using ReactJS, ES6, jQuery, Handlebars, HTML5, SASS, and CSS3
- Lead the design and creation of a white-label software solution for golf lesson booking, schedule tracking, and payment processing
- Automated unit and integration testing using MiniTest, Capybara, Selenium, and Jest

Central Catholic High School, Lawrence, MA **09/2014 – 06/2017**
Computer Science and Mathematics Teacher

- Designed and taught curricula for AP Computer Science A in Java, Introduction to Game Design in Python, and Calculus I

The University of Maine, Orono, ME **08/2012 – 08/2014**
Interim Assistant Director of University of Maine RiSE Center

- Cleaned, analyzed, and created visualizations for large data sets using R and Python
- Built a custom mail-merge system using PHP, JavaScript, and jQuery
- Automated the generation of client invoices using Python and a MySQL database

Formal Education

Harvard University Extension School, Cambridge, MA **Graduate Certificate**

Concentration: Computer Programming

Relevant Coursework: Computer Science Using Java I & II, Data Structures and Algorithms, Software Testing, Web Application Development, Graph Theory, Vector Mathematics, Database Systems

University of Maine, Orono, ME **M.S.T.**

Concentration: Mathematics Education Research

Relevant Coursework: Statistical Programming, Multivariate Statistics, Bayesian Statistics, Mathematical Statistics I & II, Statistical Methods in Research, Nonparametric Statistics, Partial Differential Equations

University of Maine, Orono, ME **B.S.**

Major: Secondary Mathematics Education

Relevant Coursework: Introductory Computer Science I & II using C++, Data Structures, Microcomputer Architecture, x86 Assembly Programming, Digital Logic with VHDL Design, Calculus I-III, Abstract Algebra, Real Analysis, Discrete Mathematics, Differential Equations, Linear Algebra