

Eleanor Rumsey

Software engineering student and graphic designer

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Development tools summary

Methods: Object-oriented design, Agile development, Test-driven development (TDD), MVC

Technologies (in order of fluency): Java, TypeScript, Angular, JavaScript, C#, .NET, HTML/CSS, Bootstrap, Razor, Entity, JUnit, PyUnit, SQL Server, Karma/Jasmine, Python, Spring Boot Java, React, C, C++, ROS, XML, Firebase

Software work experience

Junior Applications Developer Co-op

Babcock Canada

Sep – Dec 2019

- Full stack development on internal application for recording information about repairs of submarines
 - Programmed in C# .NET with MVC, Razor, and Entity Framework
 - Designed relational database and queries with SQL Server
 - Implemented client-side functions with JavaScript and Bootstrap
- Agile development using Visual Studio Team Foundation Server

Tech Analyst

Morgan Stanley

Jan – Apr 2019

- Full-stack development on a tax reporting web application using Angular/TypeScript and Java
 - Implemented REST services
 - Designed database queries using DB2, JDBC, SQL
 - Reprogrammed existing backend processes to be asynchronous using Completable Futures (Java 8)
 - Created UI unit tests using Karma and Jasmine using principles of test-driven development
- Agile development using Jira and Git
- Chosen to demonstrate project at the Tech Expo to peers and executives

Other current projects and extracurricular activities

Portfolio Website

Independent project

Dec 2019 – present

- Built React website (eleanorrumsey.com) to display graphic design portfolio

Commissioner of Design

IEEE uOttawa sector

Mar 2019 – present

- Designed promotional material (posters, t-shirts, banners, patches) for IEEE uOttawa events

Graphic Designer

Barbara Pritchard, concert pianist

May 2014 – present

- Designed posters and fliers and assisted with website design

Palette Design App

University project

May – Aug 2019

- Built mobile app for creating custom colour palettes

Manager of Graphic Design

Engineering Students' Society

Sep 2015 – Apr 2018

- Created more than 25 designs yearly for various faculty events including 101 Week and the Engineering Ball

Education

B.A.Sc. of Software Engineering

University of Ottawa

April 2017 – present

- Entrepreneurship and Management option
- User-centered design, quality assurance, operating systems, data structures and algorithms, Android app design, computer architecture and logic circuits
- Dean's Honor List Winter 2017, Fall 2017
- J.V. Marsh and S.G.S. Shiva Memorial Scholarship 2017