

CHRISTOPHER RUDNICKY

• <https://www.github.com/68thandmaine> | <https://www.linkedin.com/in/crudnick> •

Curious, motivated, result oriented frontend developer with experience using modern JavaScript frameworks, SQL & NoSQL databases, and ASP.NET MVC applications. I strive to write clean and tested that results in secure and easy to use web applications.

Education

Epicodus.....Certificate in Web Development	2018 – 2019
Programming Coursework: JavaScript, TypeScript, Angular, React, C#	
George Mason University.....Bachelor of Science in Psychology	2009-2013

Projects

Elenor (in development)

Elenor is an online portfolio website and web application being developed for an artist. It is a full stack application that is comprised of three sub projects:

Elenor-r

🔗 <https://github.com/68thandMaine/Elenor-r>

React web application that serves as the portfolio website of Elenor.

- Engineered stateful components with Redux to dynamically generate content based off user input.
- Developed features following TDD using Cypress test framework.
- Programmed network requests to retrieve and create content from Elenor-Server.

Mission Control

🔗 <https://github.com/68thandMaine/MissionControl>

Vue web application that serves as the admin side of Elenor, and a content sourcing tool.

- Engineered custom UI components that dynamically generated content using Vuex state management.
- Developed features following TDD using Cypress test framework.
- Programmed network requests to retrieve, create, and update content from Elenor-Server.

Elenor-Server

🔗 <https://github.com/68thandMaine/ElenorServer>

C# web api that serves as the backend of both the Elenor-r and Mission Control applications. It is built using Entity Framework Core.

- Developed custom interfaces, entity classes, and repositories for the models used in Elenor-r and Mission Control.
- Wrote RESTful API endpoints to handle HTTP requests to SQL database.
- Engineered custom CORS configuration for API access.

Skills

- | | |
|-------------------------|---------------------------------|
| • JavaScript (ES6) / C# | • MySql / MongoDB / Firebase |
| • Webpack / Babel / NPM | • Jest / Cypress / Karma / Chai |
| • Angular / React / Vue | • Node / Express |

Employment

QA Engineer, The Daylight Studio, 2019

Carbon Solutions Group

- Configured virtual machines to set up a stable environment for a Laravel project.
- Engineered over 200 end-to-end tests using Cypress.js.
- Provided documentation on test failures, potential fixes, and bugs found during testing.

Intern, The Daylight Studio, 2019

The Minerva Project

- Worked in an agile environment to implement features required for each sprint.
- Created the backend architecture and engineered RESTful API endpoints.
- Managed application state by creating Vuex modules.
- Collaborated with the design team and other engineers to create custom layouts for the application.

Research Assistant II, Oregon Health and Science University, 2018

Liver and Pancreatic Cell Therapy

- Collaborated with senior researchers to produce experiment time lines and arrange for technical support.
- Curated datatables for tracking laboratory supplies, freezer inventory, and experiment results.
- Designed tools to monitor mouse colony status and animal availability.

Research Assistant II, Oregon National Primate Research Center, 2015-2018

Social Stress and Ethanol Self-Administration in Monkeys

- Worked in PRIME patient portal to record medical procedures, biometrics, and health status of research subjects.
- Drafted technical documents and reviewed IACUC amendments for accuracy prior to submission.
- Compiled and maintained extensive Excel databases detailing individual fluid consumption, blood ethanol concentration, and health information.