

# Chris Rudnicky

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## Frontend Developer

Self-driven, result-oriented professional proficient at conceptualizing and delivering dynamic user-friendly frontends. I am a highly collaborative problem solver with strong project leadership and proven track record of developing two CMS applications, an analytics tool, and an event sourcing application. Multi-faceted skillset includes creating responsive layouts from wireframes, integrating external APIs, and engaging at a high level with multidisciplinary teams to develop creative solutions.

## Relevant Skills

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**Web Development Languages :** C# / JavaScript / TypeScript

**Frontend Frameworks :** Angular / React / Vue / ASP.NET MVC

**Testing Software :** Jest / Chai / Karma / Cypress / MSTest

**Database and ORM :** MySql / MongoDB

**Versioning and Other Tools :** Git / Webpack / Babel / NPM / NuGet

## Projects

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### Elenor | Developer

May 2019 – Present

**Description:** *A portfolio designed for an artist to display her work and build her online presence.*

- Successfully refactored the application backend from a Firebase api to an Axios http interface.
- Prototyped and developed 11 React components to create the desired look and purpose of the Elenor website.
- Integrated Redux to manage the predictability of state and increase the maintainability of the application.

### Mission Control | Developer

June 2019 – Present

**Description:** *A progressive web app that controls the content displayed on the **Elenor** portfolio.*

- Engineered four Vuex Modules to efficiently manage individual state slices needed for application functionality.
- Developed dynamic components for the application and created custom forms to streamline uploading content to the project database.
- Increased confidence in application functionality through programming 35+ integration tests.

### Elenor Server | Developer

July 2019 – Present

**Description:** *An Entity Framework Core backend / web api for the **Mission Control** and **Elenor** projects.*

- Developed REST API's to be consumed by both the **Elenor** and **Mission Control** applications.
- Identified unnecessary design patterns initially used in the application architecture and refactored into a more efficient, and maintainable codebase.
- Conceptualized and implemented the MySQL database structure and Entity data models used by **Mission Control** and **Elenor**.

## Professional Experience

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### Daylight Studio

*QA Engineer*

May 2019 – June 2019

- Authored over 200 end-to-end tests for a Laravel web form that increased client confidence in the behavior and desired functionality of the application.
- Drafted two technical manuscripts detailing the steps needed to run the test suite and bugs in the application for agency developers to review upon completion of the contract.

### Daylight Studio

*Intern*

April 2019 – May 2019

- Promoted new technologies and tools to the developers in bi-weekly meetings that increased the productivity of the agency workflow.
- Liaised with the design team for creating dynamic frontend components that captured the look and functionality described in wireframes.
- Successfully developed the MongoDB database structure and Node server, creating the backend of an internal agency web application.

### Oregon Health and Science University

*Research Assistant II*

Feb 2018 – June 2018

- Maintained lines of communication with collaborating researches to efficiently coordinate sample collections and analysis streamlining the laboratory workflow.
- Participated in weekly lab meetings by updating senior personnel on experiment progress to ensure that the required timelines were met.
- Developed an internal tool to monitor mouse colony status that greatly improved the efficiency of planning breeding cycles and animal procurement.

### Oregon National Primate Research Center

*Research Assistant II*

Nov 2015 – Feb 2018

- Led a team of 4 to perform daily husbandry and experimental procedures for 48 non-human primates within a required timeframe of four hours.
- Presented weekly updates on animal drinking habits, upcoming procedures, and abnormalities in collected data in lab meetings to increase the awareness of experimental progress within the laboratory.
- Compiled and maintained extensive Excel databases detailing individual fluid consumption, blood ethanol concentration, and health information used for quantifying the neurological and behavioral implications of alcoholism.

## Education and Training

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### Epicodus

*Certificate in Web Development*

2018 - 2019

Portland, Oregon

### George Mason University

*Bachelor of Science in Psychology*

2009 – 2013

Fairfax, Virginia