

Laurine Leung

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Greater Indianapolis, IN

<https://perlerinette.github.io/Portfolio>

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Objective:

Determined and creative Web Developer looking to utilize eagerness to learn, passion for coding, and problem solving to transition from design to development in the tech industry.

Education:

- **Eleven Fifty Academy, Web Development Immersive Learning Program, Indianapolis, IN, May 2021**
 - 24-week immersive learning program for Web Development taught with industry-guided curriculum, real-world project-based learning, and 500+ hours of logged coding time and training.
- **Alliance Francaise & French National Center for Distance Learning, Teaching Certification, June 2015**
 - 10-month training and over 480 hours of methodology and teaching French as a Foreign Language (FLE) to children.
- **Grenoble-PHELMMA (France), Polytecnic of Turin (Italy), Swiss Federal Institute of Technology (Switzerland), Master of Science in Engineering, June 2009**
 - Tri degree program where the study was completed in three European universities to achieve a degree in micro- and nano- technologies in integrated systems.

Competencies & Functional Skills:

Problem solving, troubleshooting/debugging, creativity, critical observation and thinking, organization, team leading, portfolio development, curriculum/program development, communication with a diverse public.

Technical Skills:

Languages: JavaScript, Node.JS, C#

Testing Tools: Postman

Prototyping Tools: Adobe XD

Databases: SQL Server

Version Control: GitHub

Web Technologies: HTML, CSS, Bootstrap, ReactJS, Rest/JSON APIs, stateless components, session validation, responsive web design

Technical Projects:

- **API project: Studio Ghibli Search App** <https://perlerinette.github.io/APIStudioGhibli>
 - Utilized Studio Ghibli API, HTML 5, CSS 3, and JavaScript to create a movie search app in which you can find information about the movie director and producer, the description, the public rate.
- **PERN Stack project: Artisan Goods** <https://artisan-goods-client.herokuapp.com>
 - Developed a full stack application using PostgreSQL, Express, React and Node that allows users to search and list artisanal goods. The sellers will be able to list their products, upload an image, set price, set a description, and show when products are available or if they are out of stock. Those who are shopping for artisanal goods will be able to search for their favorite products.
- **PERN Stack project: Trackie** <https://buddy-trackie.herokuapp.com>
 - Developed a full stack CRUD application using PostgreSQL, Express, React and Node.JS. It is designed for jobseekers to keep track of job applications and schools/career centers to follow alumni in their job search journey.

Professional Experience:

French Teacher, October 2013 – April 2021

Several schools (EFGSeattle, Bon Voyage World Languages Academy, L'Ecole Francaise)

- Teaching French as a Foreign Language to children, in person and online.
- Created and led the French immersion programs.
- Led the Department for European languages.

Test Engineer, Dynon Avionics, Greater Seattle, WA, June 2013 – September 2014

- Developed new C# test procedures and test softwares for the company's products and equipment.
- Was responsible of Dynon testing equipment
 - Maintained testing chambers

- Updated testing software codes
- Troubleshoot chambers, testing stations
- Improved testing stations (connectors, materials, cables, etc)
- Trained production technicians to new testing equipment.
- Was part of the electromechanical team, worked closely with the IT/SW teams and the production teams.

Applications Engineer, Dynon Avionics, Greater Seattle, WA, January 2012 – June 2013

- Developed and documented embedded software C# applications and tests for radios.
- Designed automated scripts allowing the production team to perform a series of tests on the devices.
- Assembled and tested radio prototypes to provide assembly and calibration procedure instructions to the production team.

Applications Engineer, Cypress Semiconductor, Europe, March 2010 – December 2011

- Worked as part of a multi-national/multi-site team in the Automotive and Consumer industries.
- Provided design support and debug for customers and Cypress FAEs in Western European area.
- Developed, documented and implemented embedded solutions using Cypress PSoC microcontrollers.
- Created presentations and trainings for customers and new Cypress personnel on PSoC products.