

# KEVIN CHRISTIAN RAMOS

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## PROFESSIONAL EXPERIENCE

**Integrated Molecular Diagnostics Pathology (IMD Path)**, Berkeley, CA June 2018 - Present

**Software Engineer, Full-Stack** February 2020 - Present

- Developed and maintained an ASP.Net web application for laboratory information management systems (LIMS), providing improved user experience for accessioning new cases by minimizing manual user input and reducing user error by as much as 30%.
- Worked on the backend and frontend functionalities that allowed users to generate comprehensive reports by using MySQL queries to pull from our databases in SSMS while incorporating C#, HTML5, and Javascript to display the data in detailed and easy to understand visuals.
- Created functionalities based on client and user ideas that greatly impacted the company's ability to retain and receive existing and potential clients by providing them easy to access test results and by matching client expectations with reality.
- Developed, tested, and deployed a proprietary Client-Relation-Management software to streamline a direct access to the real-time client data, allowing the company to easily match the different needs for each client.

**Cytology Lab Assistant/Supervisor** June 2018 - January 2020

- Led and directed efforts to establish and standardize lab workflow by updating standard operating procedures, organized and guided efforts for the biennial CAP (College of American Pathologist) inspections, and worked with cross-functional departments to create and execute performance improvement plans.
- Supervised the daily, weekly, and monthly quality control of specimen processing, lab equipment, and overall lab setting, while responsible for inventory control and management that consists of chemical reagents and equipment.

## Technical Projects

**IPS Portal** (C# ASP.Net/JavaScript/HTML/CSS/MySQL) - A LIMS software that is designed to improve lab productivity and efficiency, allowing users to easily accession cases, search specific cases, and generate detailed and comprehensive lab reports.

**Nomster** (Ruby On Rails/Javascript/HTML/CSS/PostgreSQL) - A Yelp clone that integrates with the Google Maps API and includes features like user comments, star ratings, image uploading, and user authentication.

**Flixtter** (Ruby On Rails/JavaScript/HTML/CSS/PostgreSQL) - A two-sided, video-streaming marketplace platform that features credit card payment capabilities, user role management, complex user interfaces, and advanced database relationships.

## SKILLS

**Programming Languages/Database:** C#, Python, Ruby, JavaScript, HTML/CSS, MySQL, PostgreSQL

**Frameworks/Libraries:** Ruby on Rails, Node.js, Express.js, React, Angular, ASP.NET Core, Bootstrap, jQuery

**Applications:** Excel, Microsoft SQL Server, Visual Studio 2019, Azure DevOps

## EDUCATION - PROFESSIONAL CERTIFICATIONS

**University of California Irvine**, Irvine, CA

- Biological Science

**University of California Berkeley Extension**, Berkeley, CA

- Full Stack Web Development

**Riverside Community College**, Riverside, CA

- Information and Computer Science