

Web Developer IT Intern in Brea, California at Beckman Coulter Diagnostics

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About Us

Beckman Coulter develops, manufactures and markets products that simplify, automate and innovate complex biomedical testing. Our diagnostic systems, found in hospitals and other critical care settings around the world, produce information used by physicians to diagnose disease, make treatment decisions and monitor patients. Scientists use our life science research instruments to study complex biological problems including causes of disease and potential new therapies or drugs. More than 275,000 Beckman Coulter systems operate in both diagnostics and life sciences laboratories on all seven continents. For 80 years, our products have been making a difference in peoples' lives by improving the productivity of medical professionals and scientists, supplying critical information for improving patient health and reducing the cost of care. Beckman Coulter offers a broad array of comprehensive, competitive benefit programs that add value to associates' and their families' lives. Whether it's a health care program or paid time off, our programs contribute to life beyond the job. Check out our benefits. We think you'll like what you see. If you believe your education and experience are in line with the position description and qualifications referred to above, and are motivated, energetic, and looking for a new and exciting opportunity, please submit your resume online at the URL below or at www.beckmancoulter.com. Beckman Coulter is an equal opportunity employer. We evaluate qualified applicants without regard to race, color, national origin, religion, gender, age, marital status, disability, veteran status, sexual orientation, gender identity, or any other characteristic protected by law.

Description

The web developer participates in the design and development of upgrades to the custom Beckman Coulter application system, Phoenix. The scope of the role includes the following:

- Work with business analysts to evaluate requests for system changes.

- Create detailed designs in order to implement required features.

- Understand business and customer needs and ensure that the requirements meet those needs.

- Understand the runtime configuration of the system.

- Understand integration points with other systems that interface with Phoenix.

- Create implementation plans based on functional and non-functional requirements and provide schedule and effort estimates for system implementation.

- Ability to document the architecture and design, and create targeted presentations to relevant stakeholders.

- Participate in product design meetings.

- Perform hands-on coding, unit testing, integration and other relevant activities.

- Provide support to system testers. Support the bug fixing and maintenance process.

- Use source control and comply with code merging and branching strategy.

Student of an accredited university with a minimum GPA of 3.0. The Internship Program will start in May/June (full time during the summer and then part time during the school year) and this role will allow you to work on an assigned department project with deliverables to enhance your skills.

Qualifications

Major in Computer Science, Software Engineering or related field
Familiarity with Software Object Oriented design and implementation
Excellent communication and the ability to translate stated and unstated stakeholder needs into non-functional system requirements
Ability to define and document software interfaces
Ability to produce code for prototypes and production systems
Ability to manage implementation of the product
Ability to learn about, maintain and evolve existing systems and architectures
Ability to present complex technical information to diverse audiences
Team player, ability to work effectively in a matrix organization, with geographically dispersed team members (including the offshore teams)
Self-starter, ability to envision solutions and take initiative to see the solution to the end despite challenges
Ability to think strategically under the given constraints and under pressure
Skills
Must have experience in the following:
Node.js
HTML/CSS/javascript/jQuery/AJAX
Good documentation skills
Bonus:
React
Java / J2EE / JEE5
Performance testing and tuning
DevOps, CI/CD experience
Oracle PL/SQL
REST and Microservice Architecture

Diversity & Inclusion

At Danaher, we are dedicated to building and sustaining a truly diverse and inclusive culture. These are not just words on a page—Diversity and Inclusion is a top priority for the company, and it ties deeply to each of our core values. Danaher Corporation and all Danaher Companies are equal opportunity employers that evaluate applicants without regard to race, color, national origin, religion, sex, age, marital status, disability, veteran status, sexual orientation, gender identity, or other characteristics protected by law.

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Danaher Corporation Overview

Danaher is a global science & technology innovator committed to helping our customers solve complex challenges and improve quality of life worldwide. Our world class brands are leaders in some of the most demanding and attractive industries, including life sciences, medical diagnostics, dental, environmental and applied solutions. Our globally diverse team of 71,000 associates is united by a common culture and operating system, the Danaher Business System, which serves as our competitive advantage. We generated \$19.9B in revenue last year. We are ranked #162 on the Fortune 500 and our stock has outperformed the S&P 500 by more than 5,200% over 25 years. At Danaher, you can build a career in a way no other company can duplicate. Our brands allow us to offer dynamic careers across multiple industries. We're innovative,

fast-paced, results-oriented, and we win. We need talented people to keep winning. Here you'll learn how DBS is used to shape strategy, focus execution, align our people, and create value for customers and shareholders. Come join our winning team. Danaher is committed to competitive compensation that typically has key components including base salary, variable annual incentive compensation based on personal and company performance, and long-term incentive.

REINHART PAGHUNIE

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HR. Department - Beckman Coulter, Inc.
250 South Kraemer Boulevard
Brea, CA 92821

Dear Hiring Manager,

I am excited to apply to the Web Developer Intern position at Beckman Coulter Diagnostics in Brea California. My experience in web development, along with my education in Computer Engineering, have allowed me to obtain a strong foundation of technical skills. My interest and curiosity in new web development technologies allows me to stay up to date with emerging technologies and my attention to detail allows me to perform best practices when designing and implementing features on projects.

My project experience includes using programming languages such as HTML, CSS, and JavaScript to create and implement various features on websites that required the design of a RESTful API and the development and management of a MySQL database using Node.js. The projects I have worked on also utilized React to create a UI that is high performance and easy to maintain which I believe to be important when working on applications, especially ones that enable medical professionals and scientists to make decisions and discoveries that can improve a patient's health. Combined with my ability to work in a collaborative environment or independently, I think this makes me a perfect fit for Beckman Coulter Diagnostics.

Thank you for your time and consideration. I look forward to hearing from you soon, feel free to contact me if you have any further questions.

Yours faithfully,

Reinhart Paghunie

REINHART PAGHUNIE

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EDUCATION

California State Polytechnic University, Pomona

B.S. Computer Engineering *GPA: 3.14*

Pomona, CA

Sep 2014 - Dec 2019

SKILLS

Programming Languages: JavaScript, Java, C++, C, Python
Frontend: HTML5, CSS, ES6, Reactjs, Bootstrap
Backend: Node.js, MySQL, APIs
Cloud: AWS, Google Cloud

RELEVANT COURSEWORK

ECE 114/L: C for Engineers	ECE 4318: Software Engineering
ECE 256: Object Oriented Programming	ECE 4319: Application Development
ECE 304: Data Structures for Engineers	using Java

PROJECTS

Synchronized Music Site *JavaScript, Reactjs, CSS, Node.js, MySQL*

Sep 2018 -

Present

<https://paghunie-music-site.herokuapp.com>

A website where you can listen to music in sync with friends. You are able to select songs and queue songs from your Spotify playlists.

- Developed a backend API with Node.js and Express that manages authentication, playlist, and database management.
- Implemented a MySQL database hosted on AWS.
- Communicates with Spotify and YouTube APIs.
- Frontend created with React and Semantic UI framework.

Twitch Viewer *JavaScript, Reactjs, CSS, Node.js, APIs*

June 2019 - Present

Provides an enhanced Twitch viewing experience that implements community favorite emotes from BetterTwitchTV(BTTV) and FrankerFaceZ(FFZ) in the Twitch chat without the need for any browser extensions.

- Written with React and CSS.
- Developed backend API to cache and serve the third-party emotes to comply with BTTV and FFZ terms of service.
- Communicates with the Twitch, BTTV, and FFZ APIs to provide all functionality.