Johnny Lieu
San Diego, CA • (619) 573-8462 • JohnnyLieu@yahoo.com
LinkedIn • GitHub • Homepage

SUMMARY

Resourceful and results-driven software engineer with comprehensive experience. Possesses strong abilities in JavaScript, Python, and SQL, with a proven track record in programming, troubleshooting, and optimizing robotic systems. Known for a relentless work ethic, attention to detail, and a passion for continuous learning.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Python, SQL
- **Frontend:** HTML5, CSS, Responsive Design, jQuery, React.js
- **Backend & Server-Side:** Node.js, Express, API integration (JSON, Ajax), MERN Stack, User Authentication, Progressive Web Apps
- **Databases:** MySQL, MongoDB

EXPERIENCE

Robot Performance Analyst
Brain Corp, San Diego, CA (Sept 2021 – Present)

- Develop and optimize proprietary software for a fleet of autonomous robots using JavaScript, Python, and SQL.
- Program optimal routes, conduct health checks, and troubleshoot issues to ensure high-quality performance.
- Deliver quarterly presentations to management and executives, showcasing performance metrics and strategic plans.

Computer System Specialist
Labcorp, San Diego, CA (June 2021 – Sept 2021)

- Provided technical support for computer systems, websites, and networks to maintain high functionality.
- Troubleshot and resolved hardware/software issues; documented calls in ticketing system; escalated to field technicians as needed.
- Supported Labcorp's eProducts and enterprise software applications, including setup, password resets, and training.

Internal Liaison
Labcorp, San Diego, CA (2019 – 2021)

- Served as a technical reference within the customer service department and acted as a liaison between Labcorp and its clients.

Administrative Assistant
UCSD Medical Center, San Diego, CA (2006 – 2019)

- Handled a variety of administrative tasks to ensure smooth day-to-day operations and positive organizational interactions.

EDUCATION

- **Bachelor of Science in Computer Science**, University of Phoenix (2023–2026)
- **Python Coursework:** Intro, Intermediate, Data Structures/Algorithms, UCSD Extension
- **CS50: Intro to Computer Science**, Harvard
- **Full Stack Development**, UCSD Extension Coding Boot Camp
- Additional Courses: 100 Days of Python (Udemy), Full Stack Development (Udemy)
- **Future:** M.S. in A.I.

SELECTED RECOMMENDATION

"Johnny demonstrates ownership, grit, and a growth mindset. He stands out for his responsiveness, responsibility, and eagerness to learn. He has shown the ability to quickly escalate potential concerns, propose resolutions, and align with peers and management. His relentless focus on improving efficiency and consistently demonstrating a growth mindset make him an excellent candidate for a software engineering position."

– Daniel Hoffman, Director of Software Engineering
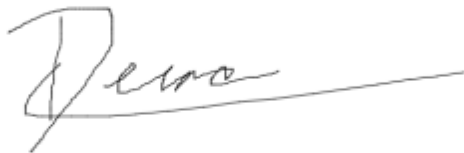
To Whom It May Concern,

I am pleased to highly recommend Johnny Lieu for a Junior Software Engineering position. Johnny has consistently demonstrated exceptional leadership, an unwavering work ethic, and a deep commitment to both personal growth and the well-being of those around him. He possesses not only the technical skills necessary to excel in any challenge but also the drive to exceed expectations, making him a valuable asset to any team.

What truly sets Johnny apart is his ability to combine determination and empathy. He consistently prioritizes what's best for the people around him, both in the workplace and beyond. His proactive attitude extends to his involvement in community service, where he is a passionate advocate for marginalized youth. He actively supports my nonprofit organization, regularly promoting our mission and seeking out opportunities to contribute meaningfully.

As a father, Johnny is deeply committed to setting a positive example in his personal life, and he brings that same guidance, discipline, and care into his interactions with others. His passion for continuous learning and self-improvement is evident in all that he does, making him not just a reliable team player but also a thoughtful and considerate leader.

In conclusion, I wholeheartedly recommend Johnny Lieu as an outstanding candidate for a Junior Software Engineering role. His leadership, determination, and genuine care for those around him make him an exceptional choice.

Sincerely,

Dennis Doan
Commissioner for Arts and Culture | City of San Diego
President | Doan Incorporated dba The Doan Foundation
dennisdoan@doan-foundation.org | 858.380.7134

September 13, 2022

To Whom It May Concern,

I am recommending Johnny Lieu be considered for a junior software engineering position because of his ownership attitude, his gritty work ethic, and his growth mindset. I believe he is the type of person who, given the opportunity, will accelerate his skillset and contributions quickly, bringing a high return on this investment.

Johnny stands out among his peers because of the responsiveness and responsibility that he demonstrates while monitoring the performance of the largest mobile robotic inventory scanning fleet in the world. He is quick to escalate potential concerns and communicate proposed resolutions. This is a rare characteristic because many people fear the perception of not knowing what to do, while Johnny focuses on ensuring alignment of how to address issues with peers and management.

I describe Johnny as having a gritty work ethic because he is relentless about improving efficiency in both responsibilities at work and outside of work. His current responsibilities sometimes require tedious and detailed work in understanding how the subtleties of autonomous navigation, route generation and distant to shelf parameters impact the coverage and quality of our scanning solution. I remember Johnny being laser focused on improving his own deployment time, relative to his peers, which required him to master tasks like global map annotation and route editing.

Lastly, Johnny is consistently demonstrating a growth mindset where he is never satisfied by his own status quo. For example, he is always looking for opportunities within work to grow his software engineering skillset. When those opportunities were sparse, he took further action external to work, to self-study courses available online. A few times he has shared with me and other software engineers on my team the output of these projects, asked for feedback and shared his planned project roadmap to further learn, improve and demonstrate working knowledge of other components of the software stack. This attitude of always growing comes naturally to Johnny.

In conclusion, I am recommending that Johnny be considered as a top candidate for a junior software engineering position because of his ownership, grit, and growth mindset.

Sincerely,

Daniel Hoffman
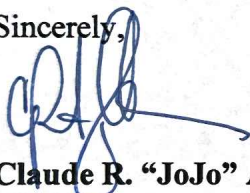Director, Software Engineering

August 27th, 2024

To Whom It May Concern,

Good day. My name is Claude R. "JoJo" Agorrilla, and I am honored to be writing this letter of recommendation on behalf of Johnny Lieu. Johnny is seeking for a Junior Software Engineering role. I have known Johnny in a variety of capacities for many years. There is no doubt in my mind Johnny be an excellent addition to any software engineering company and team.

I have always known Johnny to be of sound character, being compassionate, conscientious, disciplined, honest, humble, optimistic, patient, persistent, resilient, and having a great sense of ambition. Over the course of 8 years, I have witnessed tremendous growth in Johnny's adaptability, communication, leadership, organization, self-management, teamwork, and problem solving. I am certain these cultivated skills will allow Johnny to excel in the software engineering field.

It is with tremendous pride that I highly recommend Johnny Lieu as a distinguished candidate for a Junior Software Engineer role. I guarantee you he will succeed and become an outstanding software engineer! Please feel free to reach out to me if you have any questions. Thank you for your time and consideration.

Sincerely,

Claude R. "JoJo" Agorrilla
Assistant Director, Diagnostic Imaging
Kaiser Permanente
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