

Johnny Lieu

San Diego, CA

To whom it may concern,

I am writing to express my interest in a programming position at your company. With a foundation in both frontend and backend development and a rigorous educational background, I am eager to contribute my skills and passion for programming to your esteemed team.

My journey into the world of computer programming began two years ago, and since then, I have been relentlessly pursuing this field with great enthusiasm. During this time, I have completed several courses and certifications that have equipped me with a solid understanding of various programming languages and technologies. Notably, I have earned certifications from UC San Diego Extension's Coding Boot Camp and Harvard's CS50 course, which have significantly honed my technical abilities.

In my current role as a Robot Performance Analyst at Brain Corp, I have been responsible for ensuring the optimal performance of our fleet of robots through meticulous programming and continuous monitoring. This position has allowed me to apply my skills in JavaScript, Python, and SQL to real-world scenarios, thereby enhancing my problem-solving abilities and attention to detail. Additionally, my experience in scripting and performing health checks on robots has further solidified my technical proficiency.

Previously, my role as a Computer System Specialist at Labcorp involved troubleshooting and maintaining computer systems, websites, and networks, which required a keen understanding of both hardware and software components. This experience, combined with my educational background, has provided me with a comprehensive skill set that I am eager to bring to your company.

While my experience spans both frontend and backend development, I have a particular affinity for backend programming. I am confident that my dedication to continuous learning, along with my technical expertise in backend development, will allow me to make meaningful contributions to your team. I am excited about the opportunity to work in an environment that fosters innovation and growth, and I am eager to collaborate with talented professionals who share my passion for programming.

Thank you for considering my application. I look forward to the possibility of discussing how my background, skills, and enthusiasm can align with the goals of your company. Please feel free to contact me at your convenience.

Sincerely,

Johnny Lieu

JOHNNY LIEU

San Diego, CA

Phone: (619) 573-8462 | Email: JohnnyLieu@yahoo.com

LinkedIn: [linkedin.com/in/Johnny-Lieu](https://www.linkedin.com/in/Johnny-Lieu) | GitHub: github.com/JohnnyLieu | Replit: <https://replit.com/@JohnnyLieu>

SUMMARY

A tenacious programming professional with experience in front and back end development and eager to apply technical know-how and be an invaluable member of a team.

TECHNICAL SKILLS

Languages:

- Computer science applied to JavaScript, Python, & SQL.
- Browser based technologies (HTML5, CSS, responsive design, JavaScript, jQuery, local storage, session storage, IndexedDB, React.js).
- API interaction (API, JSON, Ajax).
- Databases (MySQL, MongoDB).
- Server side development (Node.js, Express, user authentication, Progressive Web Applications, MERN Stack).

EXPERIENCE

Robot Performance Analyst **Brain Corp**

September 2021 – Current
San Diego, CA

The Robot Performance Analyst is responsible for ensuring the proper implementation and operational use of Brain's fleet of robots by using Brain's proprietary software to program for successful use as well as continue to monitor for operational excellence. Other tasks also include, but are not limited to, programming optimal courses for robots, performing health checks on robots, scripting with JavaScript, Python & SQL, and image QA from robots' cameras. Additionally, I am one of the select individuals in this role who conduct comprehensive company-wide presentations for quarterly planning to colleagues, management, and executive staff, showcasing achievements and outlining goals for the upcoming quarter.

Computer System Specialist **Labcorp**

June 2021 – September 2021
San Diego, CA

Troubleshooting and maintaining computer systems, websites and networks aiming for the highest functionality.

- Responsible for both inbound and outbound helpdesk phone calls from customers.
- Install, test, configure, troubleshoot and repair hardware/software for desktop support.
- Evaluate the nature of customer issues to determine the proper resolution.
- Escalate calls to Field Technicians or Level 2 support as needed.
- Document all calls in the ticketing system in an accurate and timely manner.
- Provide support to both Lab Corp's eProducts and Enterprise software applications.
- Setup, process and schedule eProduct requests received by Lab Corp sales team.
- Create and maintain customer's online access including password resets, username. maintenance, software training and software installation.
- Respond to all customer inquiries within in a timely manner.
- Ensure follow-up and completion of all outstanding client issues.
- Perform preventative maintenance and application updates as necessary.
- Monitor and ensure delivery of laboratory results to the client base.
- Work closely with teammates and direct supervisor to ensure completion of all job duties.

Internal Liaison **Labcorp**

2019 – 2021
San Diego, CA

Acts as a technical reference within the customer service department while functioning as a liaison between LabCorp and its accounts in response to inquiries.

Administrative Assistant **UCSD Medical Center**

2006 – 2019
San Diego, CA

Provide support to managers, other employees, and office visitors by handling a variety of tasks in order to ensure that all interactions between the organization and others are positive and productive. Creates new medical records and retrieves existing medical records by gathering appropriate record folders and contents; assigning and recording new record numbers; verifying existing record numbers; inputting and recording records to computer.

EDUCATION

Bachelors of Science in Computer Science: University of Phoenix, 2023-2026

Intro to Python: UCSD Extension – San Diego, CA

Python Programming Fundamentals: UCSD Extension – San Diego, CA

Intermediate Python: UCSD Extension – San Diego, CA

Data Structures and Algorithms in Python: UCSD Extension – San Diego, CA

Intro to Computer Science: CS50 – Harvard – Cambridge, MA

Coding Bootcamp: The Coding Bootcamp – UCSD Extension – San Diego, CA

Full Stack Development Course: Udemy

100 Days of Python Course: Udemy

Medical Coding: Medical Coding Program – UCSD Extension – San Diego, CA

Pharmacology: Medical Coding Program – UCSD Extension – San Diego, CA

Pathophysiology of Human Disease: UCSD Extension – San Diego, CA

Anatomy & Physiology for Allied Health: UCSD Extension – San Diego, CA

Reimbursement Methodologies & Compliance: UCSD Extension – San Diego, CA

Medical Terminology: UCSD Extension – San Diego, CA

Pharmacy Tech: Santee Occupational Center – San Diego, CA

Diploma: University City High School – San Diego, CA

Future EDUCATIONAL Plans

Masters of Science in Cybersecurity: University of Phoenix

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

To Whom It May Concern,

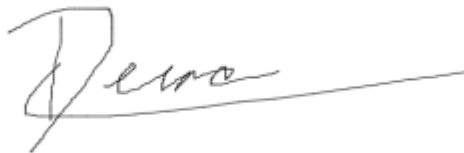
I am pleased to highly recommend Johnny Lieu for a Junior Software Engineering position. Johnny has consistently demonstrated exceptional leadership, an unwavering work ethic, and a deep commitment to both personal growth and the well-being of those around him. He possesses not only the technical skills 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,

A handwritten signature in black ink, appearing to read 'Dennis Doan', with a long horizontal line extending to the right.

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

UC SAN DIEGO EXTENSION
UNIVERSITY OF CALIFORNIA, SAN DIEGO

This is to verify that

Johnny Lieu

has successfully completed the program requirements for

The Coding Boot Camp
in Web Development Methods
240 Hours of Instruction



December 16, 2020

Date

Svetislav Maric

Svetislav Maric
Director of Technology and Engineering
University of California, San Diego
Extended Studies and Public Programs

CS50 Certificate

CS50 congratulates

Johnny Lieu

on completion of CS50x,
including ten problem sets,
ten labs, and one final project.

Awarded from Cambridge, Massachusetts,
in the year two thousand twenty-one.



David J. Malan

Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/3e7f9d86-9bc1-468f-865a-5e4fa88d1f3f>

