JOSHUA SPEARS

🏠 Garden Grove, California
☎ 562.381.5988 ✉ J.DSpears@yahoo.com

Software Engineer

QUALIFICATIONS PROFILE

Analytical, innovative, and results-oriented professional with hands-on experience in software engineering and project management. Highly capable of implementing new features and technical enhancements to increase overall system functionality. Knowledgeable of technological best practices and software development lifecycle processes, including requirements gathering, design, development, testing, release, and maintenance. Proactive team player, with proven record in executing multiple projects from inception to completion and deployment, while working within a fast-paced setting. Effective at establishing relationships and collaborating with key clients, colleagues, and management to deliver positive outcomes.

CORE COMPETENCIES

**Programming and Design | Hardware Assembly | Process Automation | Application Development
Troubleshooting | Training Facilitation | Rapid Conflict Resolution | Problem Solving**

CERTIFICATIONS

University of California, Irvine:
Certificate in Full-Stack Engineering, 2018
Udemy:
Convolutional Neural Networks, 2019 **| Natural Language Processing with Neural Networks,** 2019

PROFESSIONAL EXPERIENCE

NIHON KOHDEN ▪ IRVINE, CA

Software Engineer   Jan 2020-Present

- Architect and implement data streaming API's to receive a constant flow of data from medical monitoring equipment to store in Microsoft SQL database for further analysis
- Outline and implement API's using Node to query and send data to frontend applications from Microsoft SQL database
- Design and build frontend applications using React to display data from streams and API's
- Assist with building the infrastructure for a data warehouse implementation
- Participate in daily Scrum meetings to thoroughly analyze projects and discuss any blockers or issues, including troubleshooting problems and accomplishing projects in a timely manner

ROGUE CLOUD, INC. ▪ SAN JUAN CAPISTRANO, CA

Software Engineer   Jan 2019–Nov 2019

- Initiated the automation of business processes for corporations using the Salesforce cloud platform
- Developed enterprise-grade software to enhance the agility of companies in a multitude of fast-paced and highly competitive markets
- Provided training to junior engineers on programming concepts and syntax, as well as mentorship to student interns on career progression
- Facilitated daily Scrum meetings to thoroughly analyze projects and discuss any blockers or issues, including troubleshooting problems and accomplishing projects in a timely manner
- Coordinated directly with the Development Team in all phases of the project from deployment to current progress
  Career Highlight:
  ✓ Succeeded in developing a programming course for determined individuals trying to change career paths, which resulted in $500K of revenue and new opportunities shared with universities

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ADDITIONAL EXPERIENCE

UNIVERSITY OF CALIFORNIA, IRVINE ▪ IRVINE, CA

Teaching Assistant, *Full-Stack /Data Engineering*   Mar 2018–Present

- Ensure well-organized repository to manage course content for students to easily access and reference content
- Proactively educate future engineers on problem-solving techniques and programming concepts, technologies, and best practices, while assisting other students who are struggling in the course
- Take charge of keeping the flow of class and schedule in alignment with the lesson plan

TRILOGY EDUCATION SERVICES ▪ REMOTE

Full-Stack Tutor   Mar 2018–Dec 2019

- Assisted students in understanding the fundamentals of programming by teaching best practices, as well as course content by identifying and analyzing problems into a manageable solution

ACADEMIC PROJECTS

Triply – US National Park Vacation Administrator   2018

Role: Backend Engineer   **Client Name:** UCI Project

Objective: To develop, implement, and deploy backend

- Planned and executed of application development for MySQL relational database, Node.js server, application programming interfaces (APIs), object-relational mapping (ORM), Model-View-Controller (MVC), and React UI

Pollin It – Public Pollster Application   2017

Role: Backend Engineer   **Client Name:** UCI Project

Objective: To architect, implement, and deploy backend

- Held responsibility in designing and implementing the application for the MySQL relational database, Node.js server, APIs, ORM, MVC, and handlebars.js

Post-it-Nodes   2018

Role: Full-Stack Engineer   **Client Name:** UCI Project

Objective: To design, implement, and deploy Firebase database and bootstrap frontend

- Created HTML/CSS and bootstrap layout, as well as executed Firebase real-time database and installed to Heroku webhosting

Toni's Janitor Service   2018

Role: Frontend Engineer   **Client Name:** Toni's Janitor Service

Objective: To design, implement, and deploy company landing page

- Generated product requirements to implement development for a sleek and informational company landing page using HTML/CSS, Bootstrap, and JavaScript/jQuery by asking client targeted questions

TECHNICAL ACUMEN

PROGRAMMING LANGUAGES:	JavaScript | Python | Java | C++ | HTML5 | PHP
SYSTEM SOFTWARE/ APPLICATIONS	Nodejs| MongoDB | MySQL | REST | Git | Microsoft SQL| TensorFlow
OTHERS:	Firebase | Salesforce | Sequelize.js | Mongoose.js | Express.js | Bootstrap Materialize | jQuery | CSS3 | Axios | Ajax | Handlebars.js | React | Vue.js Redux | Flask | GraphQL | OpenCV | SSD | Seq2Seq | D3 | Django Convolutional Neural Networks | Generative Adversarial Networks | PyTorch Tableau | Artificial Neural Networks | AWS | Dell EMC