Braeton Buckley

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EXPERIENCE

Software Engineer   2020 – 2023
JetHead Development Inc. | Carlsbad, CA

- Developed middleware for DirecTV satellite set top boxes using C++ and JSON
- Implemented new features either individually or with other teams under ATT exercising agile development
- Identified, tested, and patched bugs from the field, resolving customer issues on Jira
- Created test scripts with Bash, and wrote new test cases to be utilized regularly by the internal testing team

PROJECTS

Reconnect in Standby   2023
JetHead, DirecTV, ATT

- Reconnected the client to the server in standby to reduce boot up time by 2 minutes
- Investigated server connection architecture in order to optimize design
- Implemented two alternative designs for acceptance by the server team

QR Code Troubleshooting   2022
JetHead, DirecTV, ATT

- Embedded QR codes into Video Connection Lost troubleshooting screens for the DirecTV Genie Mini
- Reduced calls to customer care by redirecting to additional troubleshooting help sites to resolve issues
- Revised troubleshooting screens to address different types of issues more specifically
- Reviewed troubleshooting flow for better client and customer understanding

Free Memory Tracking KPIs   2021
JetHead, DirecTV, ATT

- Created KPIs to track the CPU usage and free memory for the DirecTV Genie Mini
- Collected data on New Relic and organized it into dashboards for viewing by ATT
- Sorted the data based on hardware make/model and software version
- Analyzed data to identify problematic software updates in the field or internal test environments

EDUCATION

University of California, Riverside | Bachelor of Science in Computer Science   2019

- GPA: 3.46/4.0
- *President*, Intercollegiate Nikkei Council; *President*, UCR Nikkei Student Union; *Youth Advisor,* JACL

Relevant Coursework

Software Construction, Discrete Structures, Data Structures & Algorithms, Automata & Formal Languages,
Compiler Design, Design of Operating Systems, Concurrent Programming & Parallel Systems,
Design & Architecture of Computer Systems, Database Management Systems, Artificial Intelligence,
Machine Learning & Data Mining, Software Engineering, Unix System Administration, Embedded Systems,
Technical Communications, Virtual Reality

SKILLS/CERTIFICATIONS

C++, JavaScript, C#, Java, Bash, SQL, HTML, CSS, JSON, Linux, Visual Studio, Git/Gitlab, Jenkins, Jira, Confluence,
AWS, *JavaScript Algorithms and Data Structures Certification, Responsive Web Design Certification,*
AWS Certified Cloud Practitioner