

Braeton Buckley

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EXPERIENCE

Math & Computer Science Tutor

December 2023 – Present

Innovation Academy | Fullerton, CA

- Part-time tutor students K-8 in Math and Computer Science concepts

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

SideQuests

2024

LethalCompany

- Published SideQuests mod with 300+ downloads for Lethal Company PC game to Thunderstore
- Created Collect, Kill, and Secret Quests that contribute to player credits and quota
- Patched class behavior using HarmonyX, BepInEx, and UnityNetcode

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

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
- 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

- *President*, Intercollegiate Nikkei Council; *President*, UCR Nikkei Student Union; *Youth Advisor*, JACL

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*