

Craig Baumer

<https://craigbaumer.com>
craig@craigbaumer.com

EXPERIENCE

Hallmark Labs | Santa Monica, CA (Remote) 2019 - Present
Software Engineer

- Created [Hallmark Card Finder](#) Android application working with multiple APIs including securely processing credit card payments and submitting orders directly from the device
- Setup Android continuous integration and deployment with Docker runners on Gitlab
- Moved to the Hallmark Movies Now Android team in 2020 with a focus on improving code quality, development processes, and providing technical leadership.
- Increased the crash-free rate from ~95% to 99% in the first two months
- Guided in-office team members through the work from home transition
- Implemented development best practices as CI/CD, code reviews, unit and instrumented tests, and modern branching and release strategy
- Worked to improve communication both internally in engineering and between engineering and external stakeholders
- Continued feature development and bug fixes

QLess | Pasadena, CA (Remote) 2014 - 2019
Software Engineer

- Created [QLess](#) Android application with over 200,000 downloads and a rating of 4.5/5 with more than 500 reviews on the Google Play store. Includes live websocket updates and extensive use of location and mapping APIs as well as the ability to handle complex configurable API driven workflows
- Developed push notification and SMS system using AWS Simple Queue Service, Simple Notification Service, Lambda, and Twilio with HoneyComb monitoring and observability and custom Slack alerts
- Developed APIs with Dockerized Python/Flask services deployed on Kubernetes and a Docker swarm including writing unit and integration tests, setting up continuous integration and interfacing with existing server application monolith
- Lead effort to move new API development to microservices on AWS and Google Cloud, working with development, platform, and QA teams to set standards for testing, CI/CD, and general development practices
- Spearheaded effort to ensure GDPR compliance across all platforms
- Worked closely with the Sales team and clients to identify areas of potential growth and improvement

Adaptive Digital Technologies | Plymouth Meeting, Pennsylvania 2010 - 2014
Software Engineer

- Developed full-featured Android VoIP SDK
- Extensive experience implementing real-time low-latency audio applications on Android
- Extensive experience with the Android NDK, the Java-Native Interface (JNI), and OpenSL
- Customer and engineering sales support, on-site and remote
- Additional software projects including improving SIP compatibility, audio quality algorithm improvements, and VoIP DSP software development

EDUCATION

Villanova University | Villanova, Pennsylvania
Bachelor of Science in Computer Engineering May 2011

- Minor in Cognitive Science
- Honors Program and Dean's List

Senior Project: Improving Rural Healthcare in Waslala, Nicaragua

- Developed and implemented a low cost telecommunication system that facilitated communication between remote community health workers and centrally location doctors and hospitals.
- Working in collaboration with Business and Nursing students, the project was awarded over \$50,000 in funding.

SKILLS

Experienced: Kotlin, Android, AWS and Google Cloud, Firebase, Jenkins, Python, Docker, Git, Agile, Jira, Java, C/C++, Gitlab CI, Linux Server Administration and general DevOps

A quick learner who enjoys mastering new languages and technologies