John Buhanan

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WORK EXPERIENCE

- **American Express**
  Android Engineer   *Aug 2018—Current*
  - o American Express app used by tens of millions card members.
  - o Architected data contracts for services to support new features.
  - o Rebuilt key features "payments", "pay-over-time", and "tap-and-pay"
  - o New "multi-factor authentication" feature for extra identity and security.
  - o Created tools to help other developers: "TestData", "Feature Generator", "Stability Report"
  - o POC for Dynamic Feature Modules reducing incremental build from 2 min to 7 sec.
  - o Created re-usable widgets, fixed bugs, and occasionally conduct interviews and ran the release process.

- **Lurkit**
  Android Engineer   *Sep 2016—Aug 2018*
  - o Android Engineer for my app Lurkit.
  - o Consumes the Reddit API to display top internet content in a grid with infinite scrolling and in-app display of Images/Gifs/Videos for a light-weight and delightful Reddit browsing experience.

- **Intel**
  Software Engineer   *May 2012—Sep 2016*
  - o Software Engineer for Intel's Decision Engineering group on the "**Decision Support Suite**" (**DSS**) for use by 3,000 engineers in coordinating/planning Intel products, and by Intel executives for making decisions on those products. Rebuilt the legacy WPF app as a web app.
  - o Lead developer for new Reverse Logistics software "**IMAPS**". Developed it as a 3-tier web app, for use world-wide to coordinate reverse logistics for Intel's Depots and partners. Also, lead developer for new parsing program "**RLIS**" that adds .xls, .xlsx, .txt, and .xml files from depots around the world to a Database.
  - o Software Engineer with Intel in the IT Enterprise Application Engineering group working on the "**Intel Media Services**" project. Worked on creating and consuming web services to create a work-flow for billing businesses in an extensible and secure way. Created Internal Testing Mechanism for the same.
  - o Worked on **SIRFIS**, **ECCOS**, and **Online SRC** to support Intel's industry leading global supply chain.

- **DDC-I**
  Software Engineer   *Jan 2011—May 2012*
  - o Eclipse-based OpenArbor IDE. Fixed bugs, developed new features for GUI, and developed testing system.

TECHNICAL SKILLS

- **Languages**: Kotlin, Java, XML, JavaScript, HTML, CSS, SQL, Handlebars
- **Libraries**: Compose, Retrofit2, RxJava3, Dagger2, Arrow, RxWorkflows, JUnit, Mockito
- **Technologies**: Android Studio, Layouts, Gradle, Espresso, Web Services (SOAP/REST), FCM, FTL, Flank, Git, Jenkins, Detekt, Lint
- **Architectures**: MVI/Workflow, MVC, MVP, MVVM
- **Methodology**: Test Driven Development (TDD), Agile
- **OS**: Android, Mac, Linux, Windows

EDUCATION

- **Arizona State University**
  Bachelor of Science, Computer Science   *Dec 2012*