

# Arnold Noronha

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## EXPERIENCE

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**Modern Interpreters Inc**, CEO & Co-founder, Oakland, CA May 2018–present

Prototyped and launched several products: some by myself and some with other collaborators. Examples:

- **Screenshotbot.io** Open-source, Visual Testing and review tool. Got some free users, made sales calls with well known companies. Collaborated with designer and salesperson, was solo developer. Common Lisp.
- **JIPR** *Java interpreter* that provided a Lisp-like interactive development without compilation for Java and Kotlin, including on Android. Written in CL and Java. Soon to be open-sourced. Demo at **jipr.io**.
- **OddflowerStudio.com** Built and maintained the e-commerce website for my wife's art studio in CL.
- **github.com/moderninterpreters/markup** Open-source library for JSX-like syntax in Lisp. Small, but active fan-base. The CL community is relatively small, so I've also contributed to many other CL open-source projects in this time.

**Facebook**, Software Engineer, New York, NY Aug 2012–May 2018

- Built **screenshot-tests-for-android**, to prevent rendering regressions in Android newsfeed. Open-source, talked about at DroidCon NYC 2015.
- Testing and Quality: Built and maintained the CI infrastructure to run **instrumentation tests** at Facebook scale. Built a popular **micro-benchmarking** framework, and the **code-coverage** infrastructure used by iOS and Android engineers.
- Developer Productivity: Worked on **editus**, a code generation and refactoring tool, primarily for *BUCK* files. Built some of the initial IntelliJ plugins that was used across the Android org.
- Actively pair-programmed. Managed five interns in total.
- Previous worked on Android Check-Ins (product), and Cold Storage (infra)
- Multiple languages across different stacks: Java, C++, Python, PHP, Javascript.

**Hawthorne Labs (likealittle.com)**, Software Engineer, Palo Alto, CA Jan 2011–July 2012

First employee at a fast paced startup. At peak we were handling several million users a day, with frequent TechCrunch coverage. Built and worked on all parts of the stack, from UI, to backend, to databases, to administration, to infrastructure and backups, to doing the dishes. Built and maintained all of our test infrastructure. Built two Android applications: one in Scala and one in Java. Worked on Ruby on Rails, MySQL, Javascript, Scala, Java, C.

**Google Inc.**, Software Engineer, New York, NY Jan 2010–Jan-2011

Built the permissions infrastructure for Doubleclick for Publishers, among other work. Worked in Java, Google Web Toolkit. Took advantage of all the learning opportunities at Google.

## EDUCATION

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**University of Pennsylvania**, Philadelphia, PA Sept 2008–Dec 2009  
*Master of Science in Computer and Information Science*

**Chennai Mathematical Institute**, Chennai, India Aug 2005–Apr 2008  
*Bachelor of Science in Mathematics and Computer Science*

## AWARDS

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- ACM International Collegiate Programming Contest (ICPC) World Finalist, 2008
- International Olympiad in Informatics (IOI), 2005, Bronze medalist.