DANIEL CHOI

FULL-STACK SOFTWARE ENGINEER

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SKILLS

ANDROID DEVELOPMENT	Java ▪ Android SDK ▪ Kotlin ▪ AssertJ ▪ Model-View-Presenter ▪ RxJava
WEB DEVELOPMENT	JavaScript (ES6) ▪ React ▪ HTML ▪ CSS ▪ Ruby on Rails ▪ Play Framework
TOOLS & PLATFORMS	Python 3 ▪ PostgreSQL ▪ Hibernate ▪ REST API ▪ Git ▪ Agile ▪ Photoshop

EXPERIENCE

TOAST   BOSTON, MA
Software Engineer   *Oct 2017 – Present*
- Implemented MVP architecture and command objects to improve testability of mobile check-splitting UI; led initiative to replace 60+ min of end-to-end tests with <10 sec of JUnit coverage
- Spearheaded investigation into buggy kitchen display component affecting high-profile customer identified as churn risk; coordinated patch rollout to 5 restaurant locations at accelerated pace
- Write and review code in Java, Kotlin, and Groovy to build features and fix bugs on Android POS application, Play Framework backend/web app, and custom Selenium-based UI testing suite
- Ramp up and mentor junior engineers; provide guidance on internal tooling and best practices

NYU LANGONE MEDICAL CENTER   NEW YORK, NY
Research Assistant   *Oct 2014 – Aug 2016*
- Authored Excel VBA, AutoHotkey, and batch scripts to automate repetitive data analysis tasks, eliminating 100+ hours of manual processing work; acknowledged in Molecular Pain (May 2016)
- Cleaned data on cognitive effects of NSAID use; published as second author in SJPAIN (Nov 2017)
- Developed and executed protocols for live rodent surgery and calcium imaging experiments on prospective chronic pain treatments; published as second author in Neuroscience (Jul 2018)

Non-Traditional Volunteer   *June 2013 – Aug 2013*
- Built interactive MATLAB applet to visualize linearly independent ECG traces in three dimensions

GRANT SUPPLIES   SOUTH HACKENSACK, NJ
Intern   *June 2011 – Aug 2011*
- Wrote Adobe JSX script to automate image cropping and resizing, increasing productivity by 10%

EDUCATION

CORNELL UNIVERSITY, ARTS & SCIENCES   ITHACA, NY
Bachelor of Arts, Biological Sciences, 3.771   *Aug 2010 – May 2014*
- Coursework in object-oriented programming, data structures, discrete math, and linear algebra

APP ACADEMY NYC   NEW YORK, NY
Coding school emphasizing React, Rails, and pair programming   *Feb 2017 – May 2017*

PROJECTS

CITYSOUNDS   LIVE ▪ GITHUB
React/Rails REST API-based application for playing ambient city soundscapes around the world
- Developed CRUD interface for uploading, editing, and tagging user-generated tracks and albums
- Integrated AWS S3 cloud storage to serve audio files, album artwork, and user avatars via HTTPS