DANIEL CHOI

FULL-STACK SOFTWARE ENGINEER

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SKILLS

ANDROID DEVELOPMENT	Java ▪ Kotlin ▪ Android SDK ▪ AssertJ ▪ JUnit ▪ Guava ▪ Dagger ▪ RxJava
WEB DEVELOPMENT	JavaScript (ES6) ▪ TypeScript ▪ React ▪ Rails ▪ Node.js ▪ HTML ▪ CSS
TOOLS & PLATFORMS	Python 3 ▪ SQL ▪ Git ▪ Bash ▪ Cmd ▪ REST ▪ Agile ▪ Excel ▪ Photoshop

EXPERIENCE

TOAST   **BOSTON, MA**

Software Engineer   *Oct 2017 – Present*

- Implemented model-view-presenter architecture in check-splitting activity to improve testability; audited end-to-end tests to eliminate 60+ min of obsolete test coverage
- Designed and executed stories to enforce separation of business and presentation concerns in legacy POS ordering code, enabling adoption of command pattern in 4 months
- Spearheaded development and rollout of fix for erroneous ingredient counts on live kitchen readout at restaurant chain with 5 locations, averting potential customer churn
- Planned and developed timer-based metrics around UI responsiveness, enabling data-driven insights into performance issues affecting kitchen and front-of-house workflows
- Write and review code in Java, Kotlin, and Groovy to build features, fix bugs, and refactor legacy code on Android POS application and Play Framework backend/web app
- Diagnose "red flag" issues and develop high-priority patch releases during on-call rotation shifts
- Onboard and mentor junior engineers; provide guidance on software engineering best practices

NYU LANGONE MEDICAL CENTER   **NEW YORK, NY**

Research Assistant   *Oct 2014 – Aug 2016*

- Developed Excel VBA, AutoHotkey, and batch scripts to eliminate 100+ hours of repetitive manual data analysis work; acknowledged in Molecular Pain (May 2016)
- Performed rodent surgery and calcium imaging experiments to investigate prospective chronic pain treatments; published as second author in Neuroscience (Jul 2018)
- Cleaned data on cognitive effects of NSAID use; published as second author in SJPAIN (Nov 2017)

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, Computational Biology, 3.771   *Aug 2010 – May 2014*

- Coursework in object-oriented programming, data structures, discrete math, and linear algebra

APP ACADEMY NYC   **NEW YORK, NY**

Web dev bootcamp emphasizing React, Rails, and pair programming   *Feb 2017 – May 2017*