Gabriel Peal

1074 Florida St
San Francisco, CA
(240) 277-5247
github.com/gpeal
gabriel@gpeal.com

GitHub

EXPERIENCE

Google Software Engineer (Mountain View, CA)   (July 2013 – Present)
- Developed Android Auto from conception to dealer showrooms from 35 automakers
- Largest contributor to Android Auto codebase
- Led Google Now, media, phone, and system UI teams on Android Auto
- Delivered talk about Android Auto SDKs at Google I/O 2014 (Android Auto: Developers, Start Your Engines)
- Collaborated with design teams to create and implement new interface paradigms designed for driving
- Designed and developed MediaSession/MediaBrowserService APIs added in Android API 21

Walkby Software Engineer (Chicago, IL)   (December 2012 – May 2013)
- Developed a boutique clothing website built with Rails and AngularJS

Google Software Engineering Intern (Cambridge, MA)   (June – September 2012)
- Submitted a patch to the WebKit trunk to modularize the inspector
- Refactored the WebPagetest Node.js agent for increased security and stability
- Increased test coverage of the WebPagetest Node.js agent

Stagecoach Co-Founder (Evanston, IL)   (December 2011 – June 2012)
- Developed a Ruby on Rails based career management platform for the film industry

Northwestern Interactive Audio Lab Software Engineering Intern (Evanston, IL)   (June – September 2012)
- Helped develop Tunebot, a vocal search engine that can identify songs you sing
- Developed a method of reducing noise in audio that improved Tunebot search results

General Motors Engineering Intern (Warren, MI)   (June – September 2011)
- Won an intellectual property award
- Designed hardware and wrote software in C to run diagnostics on the Chevy Volt resulting in a potential annual savings of over $1,000,000
- Automated numerous diagnostic tests using C programs which will save hundreds of hours of manual labor

XFI Corporation Software Engineering Intern (Bethesda, MD)   (June – September 2010)
- Developed tools to aid data creation in SalesHawk, a comprehensive sales software suite used at Fortune 100 companies
- Ran rigorous software regression tests on current and future versions of SalesHawk

EDUCATION

Northwestern University – McCormick School of Engineering and Applied Science   (2009-2013)
- B.S. Electrical Engineering – Cum Laude (3.71 GPA)

SKILLS

- Primary languages: Java, Ruby, JavaScript
- Secondary languages: C, C++, C#, Python, and MATLAB
- Android, iOS, Ruby on Rails, Node.js, AngularJS, Windows Phone

AWARDS AND RECOGNITION

- Featured on Android Developers Backstage podcast episode 23   (2015)
- Third Place – Northwestern robotics design competition   (2013)
- First Place – Connected World Conference 36 Hour Hackathon   (2012)
- Illinois Technology Association Fall Programming Challenge – Top 3%   (2011)
- Outstanding Engineering Design Award, Maryland Space Business Roundtable (MSBR)   (2009)