

# Jeremy Hurst

## WORK EXPERIENCE

OCTOBER 2016 – PRESENT

### *Senior Test Engineer*

Google, Mountain View, CA

AndroidThings, Google Home (Contractor for eTouch Systems)

- In charge of developing and maintaining test-plan for all Google assistant speakers built on AndroidThings
- Lead automation team to maximize automated test coverage
- Third party interface testing for home automation

Skills used: **Python, Go, Google internal tools, Android, adb**

JULY 2016 – AUGUST 2016

### *Software Development Engineer in Test II*

Comcast Interactive Media, Philadelphia, PA

Xfinity Home (Full Time Employee)

- Contributed to developing a complete overhaul of Xhome backend architecture
- Managed iOS Automated testing

Skills used: **Java, IntelliJ, Python, locustio**

OCTOBER 2013 – JULY 2016

### *Software Development Engineer in Test, Jr. Software Engineer*

Comcast Interactive Media, Philadelphia, PA

Xfinity Home (Contractor for Harvey Nash)

- Developed an http proxy tool which selectively rewrote packets to simulate test scenarios that are difficult to reproduce.
- Developed an interactive terminal for accessing the backend API to make Xhome application development smoother.
- Assessed risk of Xhome iOS releases. Managed Xhome iOS automated testing
- Added automation hooks within the iOS application and fixed defects

Skills used: **Ruby Metaprogramming, Cucumber, Charles, Wireshark, Xcode, ObjectiveC, Net::HTTP, crontab**

JULY 2012 – JULY 2013

### *Software Developer*

Solfo, Burbank, CA

yellowbot.com

- Wrote and debugged web crawlers written mostly in Perl to scrape business data from websites.
- Skills used: **git, Perl, regex, VIM, html, javascript**

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## EDUCATION

2008 – 2012 **BA in Computer Science**  
Major in Computer Science, Minor in Physics  
Earlham College

## SOFTWARE SKILLS

GOOD LEVEL Python, ruby, Android, adb, C++, git, Bash, VIM, Charles, Perl

INTERMEDIATE Android Studio, Go,  $\LaTeX$ , Ruby Metaprogramming, Wireshark

BASIC LEVEL Java, IntelliJ, C#, PostgreSQL, Lisp, Swift

## RESEARCH

2011 - 2012 **Cognitive and Sub-regular Complexity**  
Developed computational models to describe string sets of phonetic stress patterns in human languages

Fall 2011 **Controlling an Autonomous AR Drone using Hand Gestures**  
Computer Science major Senior Project

## PERSONAL PROJECTS

2018 **Discord Chris Roberts bot**  
Created a bot for discord chat rooms that imitates the speech patterns of the popular game developer Chris Roberts

2017 **Google Humans vs Zombies**  
Helped lead teams of people to organize logistics for GHVZ and create website and mobile apps for the game

2016 **Neil DeGrasse Tyson Twitter bot**  
Created an imitation bot which learns from Neil Tyson's tweets, generates its own, and posts them on its twitter