

# Jeremy Hurst

## STATEMENT OF PURPOSE

Looking for Software Engineering positions in the San Francisco Bay area. I'm most proficient in Ruby, Python, and Java, but have no trouble picking up new languages.

## WORK EXPERIENCE

JULY 2016 – PRESENT

### SDET 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, JUnit, Python, locustio**

DECEMBER 2014 – JULY 2016

### Software Engineer

Comcast Interactive Media, Philadelphia, PA  
Xfinity Home (Contractor for Harvey Nash)

- Developed a tool for monitoring the health of servers used by Xfinity Home applications.
- 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.

Skills gained: **Ruby Metaprogramming, ERB, Highcharts, Net::HTTP, crontab**

OCTOBER 2013 – DECEMBER 2014

### SDET

Comcast Interactive Media, Philadelphia, PA  
Xfinity Home iOS (Contractor for Harvey Nash)

- Assessed risk of Xhome iOS releases. Managed Xhome iOS automated testing
- Added automation hooks within the iOS application and fixed defects

Skills gained: **Ruby, Cucumber, Charles, Wireshark, Jira, Xcode, ObjectiveC**

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 gained: **git, Perl, regex, VIM, html, javascript**

📍 817 N 10th St.  
Apt. 203  
San Jose, CA 95112  
☎ (661) 231-5273  
✉ jeremy.r.hurst@gmail.com

## EDUCATION

2008 – 2012 **BA in Computer Science**  
MAJOR IN COMPUTER SCIENCE,  
MINOR IN PHYSICS  
*Earlham College*

## SOFTWARE SKILLS

GOOD LEVEL	Ruby, Python, Perl, C++, git, Bash, Jira, Xcode, VIM, Charles
INTERMEDIATE	Java, IntelliJ, C#, Unity, $\LaTeX$ , Ruby Metaprogramming, NET::HTTP, Wireshark
BASIC LEVEL	PostgreSQL, Lisp, Unity, Android, 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

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*

2015 **Skype Chat bot**  
*Created an interactive custom machine-learning chat bot to impersonate a friend*

2014 **"Don't Die" Video Game**  
*Paired with a designer friend to complete a video game using Unity and C#*