

Jeremy Hurst

STATEMENT OF PURPOSE

Looking for Software Engineering positions in the San Francisco Bay area. I'm eager to utilize my Ruby, Python, and Java skills and 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, locus-tio**

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 used: **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 used: **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 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	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#