

Jeremy Hurst

STATEMENT OF PURPOSE

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

WORK EXPERIENCE

JULY 2016 – PRESENT

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, 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, High-charts, Net::HTTP, crontab**

OCTOBER 2013 – DECEMBER 2014

Software Development Engineer in Test

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#