Jeremy Hurst

WORK EXPERIENCE

OCTOBER 2016 – PRESENT

Software Test Engineer
Google, Mountain View, CA
Google Home (Contractor for eTouch Systems)

- Third party interface testing for home automation
Skills used: **Python, Google internal tools**

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, 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 used: **Ruby Metaprogramming, ERB, Highcharts, Net::HTTP, crontab**

OCTOBER 2013 – DECEMBER 2014

Software Development Engineer in Test (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
	*E*arlham 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**
	*D*eveloped computational models to describe string sets of phonetic stress patterns in human languages
Fall 2011	**Controlling an Autonomous AR Drone using Hand Gestures**
	*C*omputer Science major Senior Project

PERSONAL PROJECTS

2016	**Neil DeGrasse Tyson Twitter bot**
	*C*reated an immitation bot which learns from Neil Tyson's tweets, generates its own, and posts them on its twitter
2015	**Skype Chat bot**
	*C*reated an interactive custom machine-learning chat bot to impersonate a friend
2014	**"Don't Die" Video Game**
	*P*aired with a designer friend to complete a video game using Unity and C#