

Jeremy Hurst

WORK EXPERIENCE

DECEMBER 2014 – PRESENT

Comcast Interactive Media, Philadelphia, PA
Xfinity Home

Software Engineer (Arch QA)

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

Comcast Interactive Media, Philadelphia, PA
Xfinity Home

Software Engineer (iOS QA)

Set up automated testing framework using the cucumber ruby gem.
Automated test scenarios for the Xfinity Home iOS application by simulating user interaction
Fixed minor defects and added automation hooks within the iOS application
Skills gained: Ruby, Cucumber, Charles, Wireshark, Jira

JULY 2012 – JULY 2013

Solfo, Burbank, CA
yellowbot.com

Software Developer

Wrote and debugged web crawlers written mostly in Perl to scrape business data from websites.
Skills gained: git, perl, regex, vim, html, javascript

SUMMER 2010 AND 2001

Woodward HRT, Santa Clarina, CA
Engineering Department

Software Intern

Software testing and development
Improved access methods to company databases

JANUARY 2010 – MAY 2012

Computer Science Department, Earlham College, Richmond, IN
cs.earlham.edu

Web Developer

Maintained Earlham's CS Department web page
Worked with a team to do a complete overhaul of the website

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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, Perl, Python, C++, git, Bash, Jira, Xcode, VIM, Charles
INTERMEDIATE	Ruby Metaprogramming, Java, C#, L ^A T _E X, NET::HTTP, Microsoft Office, iOS Development, Linux, Windows, Mac, Wireshark, Zigbee
BASIC LEVEL	PostgreSQL, Scheme, 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

2015	Neil DeGrasse Tyson Twitter bot Used a markov chain python library to generate unique tweets based off of previous NDT tweets
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#