

Jonathan M. Wilbur

352-201-1620

jonathan@wilbur.space

Work Experience

- Associate Systems Engineer at [Greenway Health](#) since July 5th, 2016
 - Received company-wide commendation from the CEO for providing a creative solution to a unique problem
 - Enhanced DNS Filtering by blocking over 2000 dangerous top-level domains
 - Received over 20 "High Fives" (a digital commendation)
 - Improved server provisioning times with PowerShell scripting
 - Windows Server Administration for over 1000 Windows Servers, using ActiveDirectory and PowerShell
 - Enterprise administration of hundreds of [Red Hat Enterprise Linux](#) (RHEL) Servers
- Associate Quality Assurance [Automation] Engineer at [Greenway Health](#) since March 30th, 2015
 - Significantly reduced test durations by automating data setup through the API
 - Fixed hundreds of automated VBScript tests in HP's [Unified Functional Testing](#) (UFT)
 - Automated tests in C# and .NET with [Visual Studio Coded UI Testing](#) and [Team Foundation Server](#)
 - REST and SOAP API testing with [ReadyAPI](#)
- Intern at A-Squared Fab Lab (Now [Infinity Lab](#)) – 3D-Printing, Laser Cutting, and CNC Milling
- Pediatrics Intern at the Medical Office of Dr. David W. Powers, M.D., P.A. (Summer 2012)
- Orthopedics Intern at the Medical Office of Dr. Anuj Sharma, D.O. (Summer 2012)
- Civil Engineering Intern at Furman and Hilpert Civil and Structural Engineering (Summer 2011)

Education, Certification, and Licenses

- [Red Hat Certified System Administrator](#) (RHCSA)
- [Linux Professional Institute Certification Level 3](#) (LPIC-3) with a specialization in Virtualization and High Availability
- Linux+ Certification from CompTIA
- [Project+ Certification](#) from CompTIA
- [OpenSUSE System Administrator Certification](#) from Novell
- Healthcare IT Certification from CompTIA ([Now Retired](#))
- Bachelor's Degree in Economics with a Minor in Chemistry from the University of Florida
- [Cryptography I](#) from Stanford University
- Computer Networks from University of Washington
- [FCC-Licensed HAM Radio Technician](#)

Additional System and Network Administration Skills and Experience

- Creator of Three Websites, using [Amazon Web Services](#) (AWS):
 - jonathan.wilbur.space - My personal website, using [jQuery UI](#) for interface components
 - sunairbrush.com - A website for my dad's Airbrush art, using a [Samba](#) share for file upload
 - [Hat-Tip](#) - An API testing tool MVC single-page application that uses [VueJS](#)
- Created and configured my own email server with [Postfix](#) and [Dovecot](#) (email.wilbur.space)
- Created my own TLS Certificate Authority using [OpenSSL](#)
- Version Control with [Git](#), [Gerrit](#), and [Visual Studio](#) / [Team Foundation Server](#)
- Crypto-currency ([Bitcoin](#)) Owner and User

Programming Skills and Experience

- Created an [ASN.1 library](#) in [the D programming language](#) that is roughly 23,000 lines of code
- Submission of a NodeJS module ([email-alert](#)) to the [NPM package repository](#)
- Creator of [over twenty repositories on GitHub](#), totaling over 40,000 lines of code.
- Understanding of Intel x86 Assembly, Most C-Related Languages, Java, [Python](#), [Go](#), and [Rust](#)
- Casual understanding of SQL and NoSQL experience with [MongoDB](#)