

# Nolen James Felten

## </> SKILLS

### Web Design

Angular.js (2 years) Django (3 years) Drupal (3 years) Iccast (4 years) Javascript (8 years)  
jQuery (8 years) Online Marketing (3 years) OpenSSL (4 years) React.js (2 years)  
Search Engine Optimization (3 years) Wordpress (6 years)

### Graphics

3DS Max Directx FFMPEG GIMP Maya OpenGL Pipeline Optical Character Recognition  
Photoshop Three.js WebGL

### Programming Languages

CSS C/C++ HTML Java Javascript OpenGL Shading Language (GLSL) PHP Python Ruby  
Intel x86 Assembly

### Administration

Apache Advanced Package Tool (APT) BASH Batch CentOS Cloud Command line interface  
Compression Damn Small Linux Debian DHCP DNS Firewall FTP/SFTP LAMP Linux  
Logical Volume Management Nginx NFS configuration NTP OpenSSL phpMyAdmin Red Hat  
Security Hardening SMTP SNMP TCP/IP Telnet OpenSSH Ubuntu Virtual Box VLAN  
VMWare WAMP (5 years) Windows 95/98/98SE/XP/Vista/7/8/8.1/10 XAMPP YUM

### Software Development

AJAX Asynchronous Automation BIOS CasperJS Cryptanalysis  
Cryptocurrency specialist (since 2009) D3 Debugging Firmware Functional Programming Git  
International Standards Organization Lambda Mainloop MongoDB Multiprocess Multithread MVC  
Node.js OAuth2 Object Oriented OSI Model PhantomJS Pretty Good Privacy Python  
Qt Framework REST Reverse Engineering Ruby Selenium SQL/SQLite UDP Web Driver  
Xbox Development Kit (Original Xbox) XML



## EMPLOYMENT

**Freelance Developer, Independent Contracting**

2015-03 — Present

Worked remotely for MindModulations.com's owner, Gary Bense, to create an online catalog and invoice system for product launch operation. Worked with family friend to create a simple website for his paint company (<http://bit.ly/2rHMDdk>). Contracted with Net Visibility Solutions for Web Design services to create pages for E-Cig 101, and Tattoo Vanish Inc. (<http://ecig101.com> and <http://tattoovanishinc.com>).

- Bitcoin checkout
- Budgeting
- Content Management System
- Deployment
- Entrepreneurship
- Lead generation
- Marketing solutions
- Paypal
- PHP
- Project Estimation
- Sales
- Search Engine Optimization
- Shopify
- Strong verbal and writing skills
- Wordpress

### **Production, Torn Ranch**

2013-07 — 2013-09

Summer time job making gift baskets for cruise lines and gift shops.

### **Seasonal, K-Mart**

2014-11 — 2015-01

Christmas job working night shift.

### **Electronics, Target**

2011-07 — 2013-01

Worked on a sales team of 6 to provide guest with high price items and extended warranties. Left position to return to studies.

- Offered high quality guest service.
- Open and closed department.
- Used inventory database to search for items in all Target locations. Set prices, etc.
- Worked closely with Asset Protection team.
- Worked with Logistics team in warehouse.



## EDUCATION

### **El Camino Highschool**

2007-09 — 2011-07

### **Khan Academy**

2014-07 — Present | Algebra Arithmetic Calculus (Currently studying) Computer Animation Computer Programming Computer Science Early Math Geometry Statistics Trigonometry

### **Codecademy**

2013-09 — 2015-01 | Box API Dwolla API Evernote API HTML & CSS Javascript jQuery Learn Java Learn SQL Learn The Command Line NHTSA API NPR API OAuth2 With GitHub PHP Python Ruby SendGrid API Soundcloud API WePay API (Python) WePay API (Ruby) Youtube API

### **Lynda.com**

2014-05 — Present | C/C++ Essential Training Foundations For Programming: Databases Javascript Essential Training (2011) - <http://archive.is/Ukcxg> Linux: Bash Shell and Scripts Linux Kernel Fundamentals Online Marketing Foundations Programming Foundations: Fundamentals Programming Foundations: Object-Oriented Design Programming Foundations: Web Security Python GUI Development with Tkinter

## Other

2012-01 — Present | Assembly Language Programming - Virtual Training Company - <http://bit.ly/2rA3XPc> Building Dynamic Websites (CS E-75) - Harvard Extension School - <http://bit.ly/2sFH1xm> Computer Graphics (CS E-175) - 2009 - UC Davis - <http://bit.ly/1MVSIAW> Eloquent Javascript - <http://bit.ly/1nWGbTp> Everything You Wanted To Know About Soldering and Desoldering, But Were Afraid To Ask - <http://bit.ly/2stZNBH> Introduction to Cryptography and Data Security - 2010 - Ruhr-University Bochum - <http://bit.ly/20bca6Z> Introduction to Databases - Stanford - <http://bit.ly/2qW60Lv> Learning Python Network Programming - <http://amzn.to/2siSMxc> Learning Three.js: The Javascript 3D Library for WebGL - <http://amzn.to/2qOSYAq> Offensive Computer Security 2013 - Florida State University - <http://bit.ly/2sFEzXD> Offensive Computer Security 2014 - Florida State University - <http://bit.ly/2s7QzEG> Programming Paradigms (CS 107) - Stanford - <http://bit.ly/2s7EFuC> Security on Rails - <http://amzn.to/2rYG6uO> The Rails 3 Way - <http://amzn.to/2suilmV> WebGL Academy - WebGLAcademy.com - <http://bit.ly/2suegV5>



## SERVICE

### , **United Way Of The Wine Country**

2012-01 — Present

- Planted garden in John Reed Elementary School
- Put together backpacks for school children that couldn't afford them at Agilent Technology.



## WRITING

### **Coupons,**

2017

An article about the UPC and GS-128 barcodes and how they are made. Explores the interesting U.S laws around them. Original research.

### **Database Notes,**

2017

Notes taken from Codecademy.com's SQL course, combined with an "Introduction to Databases" course from Stanford streamed online.

### **Java Notes,**

2017

Notes taken from Oracle tutorials and a course taught at Berkeley streamed online.

### **Original Xbox Security,**

2017

A brief overview of the software and hardware security that prevented owners from hacking the console.

### **C/C++ Notes,**

2017

Notes taken while studying C/C++ and the different paradigms used in programming.

### **SMS Bomber,**

2016

Desktop application with full Graphical User Interface that logs into Gmail and sends text messages to a targets phone number. Can destroy older devices. Proof of concept. Built with HTML/CSS/JS/Python and PyQt.

### **Facebook Event Page Invite Flaw,**

2016

There is a limit for how many invites one account can send for each event. However, if an account has a phone verified and an Android device is sending the request, a work around can be achieved.

## ***Dailymotion Account Project,***

2016

Dailymotion.com is a video hosting service that is similar to Youtube. Users can upload their videos, and get a share of the ad revenue generated when said videos are viewed. The niche of the project is that Youtube requires several extra steps to enable monetization, while Dailymotion only ask that you verify the email account to the account. Cancelled due to fall of Dailymotion's revenue systems.

## ***Original Xbox Game Installer,***

2016

An article about a custom built application that ran on the Original Xbox video game console. The app would show a list of games released for the system, so that a title can be selected, downloaded to the hard drive, and installed into the games folder without the need for a PC. Built with Python 2.7 for XBMC4Xbox. My first project with a Graphical User Interface.



## RECOGNITION

### ***Oregon State Chess Tournament, 1st Place***

2003

Competed against each chess club in Oregon state. Double elimination tournament. 4th-12th Grade. 14 Wins and 0 Loses.



## TESTIMONIALS

### ***Jason Ford (linkedin.com/in/jasonhford/)***

You should be making at least \$100,000 a year working at a high end tech firm.

### ***Target Team***

<http://i.imgur.com/0do4TuM.png>

### ***Gary Bense***

You were an excellent employee. You fully automated most of our operations and increased sales by 300%. You really put Mind Modulations on the map! Revenue was at \$1 million a year, amazing for such a small operation!



## INTERESTS

### ***Chess***

Current

### ***Code***

Current

### ***Automation***

Current

### ***Selenium***

Current

### ***Marketing***

Current

### ***Business***

Current

## ***Bitcoin***

Current

## ***Cryptography***

Current

## ***Graphics***

Current