WORK EXPERIENCE

Bold Compass LLC (boldcompass.com)   June 2012 – Present
Founder and Chief Technologist
- Filed articles of incorporation and yearly business registration
- Managed financial records and filed quarterly and yearly taxes
- Maintained IT operations including hosting, backups, and purchasing
- Hired and manage overseas developer to assist with project workload
- Performed sales efforts to recruit the following clients:

Client: Stark Crew (starkcrew.com)   April 2018 – Present
- Improved video quoting tool to generate leads and allow customers to easily price video recording and editing
- Improved vendor signup process

Client: Yaku   May 2018 – Present
- Created translation marketplace with order flow and client-translator interaction interface
- Implemented localization to support Japanese users

Client: Premier Fine Homes (homesbypremier.com)   April 2018 – Present
- Created project tracker to allow staff to know whether each construction project is on track to meet deadlines
- Implemented custom WordPress lead-generation plugin with custom Google Analytics integration
- Built pricing sheet generator to simplify the creation of price sheets for new floor plans

Client: TeacherPlanBook (teacherplanbook.com)   November 2016 – Present
- Added support for school districts to allow targeting district-wide sales rather than sales to individual teachers
- Implemented data sync for analytics using Microsoft Power BI
- Ongoing AWS infrastructure management
- Created wireframes to evaluate the user experience of new features

Client: Cara Stone (carastone.com)   September 2016 – Present
- Created compensation calculator to track the amount due to the firms attorneys and other staff
- Integrated with Clio and Xero to automatically download hours and invoices

Client: Invoice Ninja (invoiceninja.com)   February 2016 – February 2017
- Improved security by adding multiple permission levels and password-protecting the client area
- Implemented an enterprise plan, invoice attachment support, and better refund processing
- Increased monetization options by integrating with WePay to receive a portion of each transaction
- Negotiated with payment processor to implement more favorable NACHA compliance requirements
- Added support for Braintree credit card payments and Stripe ACH payments with Plaid ACH authentication
- Conducted independent research to refine the scope of projects

Client: Edify Hub (edifyhub.com)   June 2013 – September 2017
- Created WordPress theme and user management system design based on PSDs from a graphic designer
- Configured Apache, MySQL, MongoDB, Node.js, Logstash, Elasticsearch, and Kibana on Rackspace
- Migrated webserver from Apache to nginx
- Implemented multi-user live editing of church data using RabbitMQ, Socket.io, Node.js
- Configured and wrote continuous integration test using Jenkins, PHPUnit, and Selenium.
- Analyzed logs to determine causes of site overloads and proposed configuration changes to prevent future crashes
- Created infrastructure to deploy updates to custom WordPress plugins
- Designed architecture for encrypted user data and custom OAuth token format
- Created PHP-based user and domain management system using Stripe, OpenDNS, MailChimp

Client: Top10Agents (top10agents.com)   November 2015 – February 2016
- Rewrote WordPress theme to make it mobile-friendly
- Reduced costs by creating add agent interface to be used by a virtual assistant
- Created a lead-capture flow to drive more users to request connections with agents

The Wilds Camp and Conference Center (wilds.org)   Summer 2016 & 2017; May 2018 – Present
Web Developer
- Created web app to improve summer camper experience by allowing staff to quickly match campers with counselors
- Designed and built web app to let parents view live video streams, pictures, videos while their child is at camp
- Designed infrastructure to transcode camera feeds for live streaming using the camp's existing hardware
- Researched and tested software for use as a data warehouse
- Improved mobile experience by optimizing JavaScript and eliminating DOM reflows
- Trained employees how to add products and manage an online store
- Integrated WooCommerce with Sage accounting software to automate transaction recording
- Designed custom product search interface to highlight key product attributes
- Set up and ran audio, video, and lighting systems for camp programs
- Improved developer efficiency by creating new development environment with Docker, Xdebug and PHPStorm
- Reduced page load times by 25% by rewriting features that used WordPress post meta inefficiently
- Trained employees how to add products and manage an online store
- Ongoing improvements to WordPress website and online store and compatibility testing for software updates
- Created infrastructure to deploy updates to custom WordPress plugins
- Developed CSS, JavaScript and PHP to improve customer user experience for an online store
- Set up and ran audio, video, and lighting systems for camp programs

Georgia Gwinnett College   Summer & Fall 2015
Tech Camp and S3 Student Assistant
- Helped middle and high-school students learn how to program using Python and Scratch
- Analyzed and offered suggestions which improved experience for campers
- Collaborated with others to create programming exercises for future camps

VOLUNTEER WORK

Joyful Meditations Ministries (joyfulmeditations.org)   January 2010 – Present
Web Developer and Administrator
- Developed Joomla website and custom audio player
- Created backend .NET-based support applications
- Published HTML5-based Android app
- Provided ongoing technical support for online radio reaching over 400k listeners

Berean Baptist Church 3-on-3 Tournament   2008 – 2018
Volunteer Staff
- Created custom .NET scheduling software (github.com/sometechie/roundrobinscheduler)
- Assisted with audiovisual setup and communication

EDUCATION

Georgia Institute of Technology   Graduated May 2018
B.S. Computer Science – Information Internetworks and People

SKILLS

Languages:	PHP, JavaScript, CSS, HTML, MySQL, Java, C#, Python, C++
Frameworks & Tools:	Laravel, WordPress, PHPUnit, WooCommerce Selenium, Node.JS, PHPStorm, Creative Cloud Extract, FFmpeg
Server Software:	CentOS, Apache, nginx, MongoDB, MySQL, RabbitMQ, Docker, Logstash, Elasticsearch, Kibana, InfluxDB
Concepts:	Security, Performance, Scalability, Cloud Computing (Rackspace and AWS), HLS, RTMP, Live Video
Practices:	Continuous Integration, Automated Testing, Unified Logging, Version Control (Hg and Git)
APIs:	Stripe, MailChimp, Braintree, OpenSRS, Google, Facebook, Twitter, WePay, Plaid