

# Joshua J. Wilborn

1621 Liatris Lane Raleigh, NC 27613  
Cell: (405) 551-0587 | [Joshua.J.Wilborn@gmail.com](mailto:Joshua.J.Wilborn@gmail.com)

## Summary

Highly motivated Software Engineer who works well in a fast paced and dynamic environment. Unique background of both hardware and software, and both military and civilian. Fluent in both front-end and back-end ECMA/Javascript and many frameworks and libraries. Experienced with working both remotely and on-site.

## Skills

Javascript, AngularJS, ReactJS, Express, Node Backbone, jQuery, HTML/CSS/SCSS, Unit and Integration Testing and Automation, Webpack, Bower, NPM, Gulp/Grunt, SQL/noSQL, MongoDB, MySQL, Firebase, Ruby, Ruby on Rails, Ruby Sinatra, Git, NGINX, Deployment and Automation, Agile/Scrum/Kanban

## Employment

Jan 2019 to Present **Senior Software Engineer at Ettain Group, Contracted to Lumeris** Durham, NC

Primary Technologies: MS SQL Server, ASP.NET, React, JavaScript

- Built a base scaffold for future Node + React apps. This including automated testing infrastructure, enforced code quality and reports, google lighthouse reporting, as well as required peer review for merging
- Supported adding new features to legacy .NET application by supplementing the team with ownership while awaiting new projects

Feb 2017 to October 2018 **Front End Developer Lead at Cree** Durham, NC

Primary Technologies: AngularJS, Node/Express, jQuery, React

- Oversaw development of web technologies related to IoT
- Lead developer of front-end for hardware administration web application
- Lead developer of front-end for analytic and data management platform
- Designed and developed login and authentication system using JWT and including LDAP integration and modular login flow. System also handled application keys/secrets and RBAC
- Designed and developed application registry and custom settings configuration management system
- Designed and developed custom notifications system with dispatch via HTTPS and NSQ

Aug 2015 to Jan 2017 **Front-End Engineer at Jiff** Mountain View, CA

Technologies: AngularJS, Node, Gulp/Grunt, Bower, NPM, Express, S3

- Rebuilt legacy app from scratch while following proper AngularJS methodologies
- Member of both Self Service (admin tools) and Mission Control (data vis) teams
- Created highly adaptive toggling system for component access and A/B testing
- Winner of Company Hackathon project for most valuable to company
- Reviewed pull requests of other teams making contributions to our codebase

## Employment Cont.

Jan 2013 to Jul 2015                      **Founding Engineer at Zeal Learning Inc.**                      San Francisco, CA

Technologies: Angular, jQuery, Backbone, Ember, Ruby, Sinatra, RoR, Node, SQL, Firebase, and more

- Integrated Firebase into multiple apps for live status updates and user tracking.
- Constantly prototyped new features in a fast paced agile environment.
- Created various data visualizations and games for both teachers and students.
- Implemented automated E2E and unit testing.
- NGINX management/configuration.

Jan 2009 to Jan 2010                      **Comcast Telecommunications Technician**                      Sacramento, CA

Installation and troubleshooting of television, phone, and internet via coaxial network.

Jan 2002 to Jan 2008                      **Electronics Technician in United States Army**                      Various, USA

- Found maintenance procedure that was not being followed by all soldiers in squad that would cause millions of dollars in component damage and replacement over time by causing night vision systems to fail.
- Component level maintenance, troubleshooting, and repair
- Over 300 types of equipment such as computers and networks, night vision, mine launchers, nuclear/biological/chemical warfare detection systems
- Positions both leading and following

## Education

2013    **App Academy**    San Francisco, California

- Intensive full time course studying web development fundamentals.
- Primary technologies included Ruby, Ruby on Rails, Javascript, jQuery, and BackboneJS
- Built apps from scratch including both front and backend as well as 3<sup>rd</sup> party API integration

2010 - 2013                                      **University of Oklahoma**                                      Norman, OK

- Computer Science Major
- Member of Omega Delta Phi Hispanic service and social fraternity – Men of Vision
- Member of University Cycling Team

2001 - 2003                                      **Southeast High School**                                      Oklahoma City, OK

- President of the IT Academy
- Cisco Networking
- A+ Computer Repair

## Notable Personal Projects

- 2017 **WhoTweet?** **Status:** Backend complete, front-end in development
- Technologies: MongoDB + ExpressJS/Node backend, React front-end, Integration with Twitter and Wikipedia APIs.
  - What: Provides random tweets from politicians for users to guess the tweeter.
- 2013 **MessengerIO** **Status:** Online at <https://messengerio.herokuapp.com/>
- Technologies: Ruby on Rails, BackboneJS, jQuery, Pusher (websockets)
  - What: Live chat app built to look like a Mac OSX desktop
- 2013 **Brocator** **Status:** Online at <https://brocator.herokuapp.com/>
- Technologies: Ruby on Rails, BackboneJS, OpenStreetMaps API
  - What: Fraternity brothers meetup and events planning/inviting
- 1999 **Borg Cube Bot** **Status:** Lost to the Sands of Time
- Technologies: mIRC Scripting Language
  - What: IRC Chat bot network designed to battle other bots for channel dominance via auto kicking/banning/unbanning other bots in a king of the mountain style fight over a chatroom. (one of my favorite projects I ever made, very fun).
- 1998 **Valley of the Jedi** **Status:** Offline but viewable at the [Wayback Machine](#)
- Technologies: HTML and Javascript
  - What: Fan website for the Dark Forces: Jedi Knight video game from LucasArts
  - Volunteer Position: Head Files Updater/Head Links Updater/News updater