

Aug 2005 — University of Virginia
B.S. Electrical Engineering

2009 - 2014 — ANLTR3 for Ruby

<https://github.com/ohboyohboyohboy/antlr3>

- › Software tool for generating language recognizers in Ruby using the Java-based ANTLR grammar analysis and code-generation tool.
- › Developed all Ruby run-time library code, StringTemplate Ruby target templates, Java classes to integrate Ruby code-generation, project support scripts, and documentation

Ruby	★★★★★
Javascript	★★★★☆
Python	★★★★☆
TypeScript	★★★★☆
Perl	★★★★☆
PHP	★★★★☆
C/C++	★★★★☆
Java	★★★★☆

Rails	★★★★★
Rubygems	★★★★★
Sinatra	★★★★☆
RSpec	★★★★★
Rake	★★★★★
Capybara	★★★★☆

Node	★★★★★☆☆
NPM	★★★★★☆☆
Angular 2	★★★★★☆☆
RxJS	★★★★☆☆☆☆
Cordova	★★★★☆☆☆☆

MySQL	★★★★★☆☆
Postgres	★★★★★☆☆
Elasticsearch	★★★★★☆☆
Mongo	★★★★★☆☆
Redis	★★★★★☆☆
Apache Airflow	★★★★★☆☆

Segment	★ ★ ★ ★ ★
GraphQL	★ ★ ★ ★ ☆
REST	★ ★ ★ ★ ☆
TCP/IP	★ ★ ★ ★ ☆

Git	★★★★☆
DataDog	★★★★☆
Jenkins	★★★★☆
CircleCI	★★★★☆
Puppet	★★★★☆
Nginx	★★★★☆
Apache	★★★★☆

Agile Methods	★★★★★
Kanban	★★★★☆
TDD	★★★★☆

I am an experienced software engineer specializing in programming with modern languages such as Ruby, Javascript, and Python. My career spans many years across gig economy markets, education tech, web hosting, and telecommunication. I have developed a broad spectrum of technical knowledge with the keen creative problem-solving skills that make for the best engineers. I take pride in my work, and I value quality in my results. I am seeking placement with a team of other talented professionals where I can exercise the full strength of my abilities.

Huntress — huntress.com
Richmond, VA (remote)

Huntress is a cyber-security platform that focuses on detecting and preventing hacks, malware, ransomware, intrusions, and phishing on business networks.

Senior Software Engineer

- Recently started role

Richmond, VA (remote)

Wonolo (Work Now Locally) is a gig work marketplace that allows business owners to hire workers for temporary roles

Senior Software Engineer II

- Stack technologies: Ruby, Rails, Postgresql, GraphQL, Apache Airflow, Python, React, Redis
- Worked closely with the Trust and Safety team to integrate Wonolo's data with Unit21, a fraud detection and case management system
- Designed and maintained Apache Airflow DAGs to synchronize live application data, warehoused data, and real-time user events with third-party integrations
- Maintained the Wonolo admin site and fielded improvements for support agents and internal customers
- Researched and proposed tooling improvements for the core Rails build
- Performed the initial design and established the foundation for a customer-facing public GraphQL API

Richmond, VA (remote)

TaskRabbit, a subsidiary of IKEA, is a two-sided gig work marketplace where consumers hire professionals to assist in everyday labor

Senior Software Engineer

- › Stack technologies: Ruby, Rails, MySQL, REST, GraphQL, React, Redis, QueueBus, Linux, Nginx, Docker
- › Built foundational platform for company integration with Twilio Segment.
- › Designed and implemented tooling integrations for marketplace Operations teams
- › Researched and designed GraphQL API for use by the mobile and web apps
- › Mentored junior engineers and worked extensively to transfer knowledge.
- › Provided server-side engineering support for TaskRabbit's mobile and web apps
- › Wrote a regular series of articles with tips and advice on Ruby programming.
- › Conducted screenings and interviews of engineering candidates

Richmond, VA (remote)

eBackpack was a fully-featured Learning Management System (LMS) platform targeting K-12 educational institutions.

Senior Developer

- › Stack technologies: Ruby, Rails, Postgres, Mongo, REST, Angular 2, Bootstrap, Cordova, Linux, Apache
- › Designed and implemented fully-featured exam authoring, administration, scoring, and reporting system to allow teachers to fully administer quizzes and tests for their classrooms
- › Established automatic synchronization of assignment and activity due dates to students' Google and Office calendars
- › Created multi-platform mobile app used to report grades and assignments to parents of students using Apache Cordova
- › Planned and documented high-level features and products related to the application
- › Performed primary product development and maintenance for eBackpack following agile methodologies
- › Handled dev-ops activities and management on the fleet of application servers and other company equipment
- › Participated in a 24-hour "on call" rotation system with other senior developers to handle operational emergencies outside normal work hours

Note: This timeline has been truncated to keep this resume direct and readable. Please contact me directly if you would like my employment history prior to 2013.

