

# DAVID WILLIAMS

## SOFTWARE DEVELOPER

**Phone:** 404-680-4198

**Email:** [David.Lav.Williams@gmail.com](mailto:David.Lav.Williams@gmail.com)

**GitHub:** <https://github.com/dwilliams91>

**Linkedin:** [View Profile](#)

**Personal Website:** [View Site](#)

## PERSONAL PROFILE

I am a former middle school teacher turned software developer. I'm now leveraging my communication and problem-solving skills to a more rapidly changing field, software development. I have always been a proud nerd who loves solving puzzles, and what is coding if not a never-ending stream of puzzles!

## TECHNICAL SKILLS

- Javascript
- React
- HTML, CSS, react bootstrap
- Python
- Django
- SQL
- Git, Github
- Json
- Adobe XD

## EDUCATION HISTORY

Nashville Software School - Software Development Bootcamp | Certificate

Vanderbilt University, Peabody Graduate School of Education | Masters in Secondary Education

Vanderbilt University, Peabody School of Education | Bachelors of Science, major in Education Studies and European History

## TECHNICAL EXPERIENCE

Nashville Software School | (September 2020-March 2021)

Software Developer

*Intensive hands-on 6 month full stack software development program creating applications individually and with teams.*

- Learned and practiced Front-End programming skills using HTML, CSS, Javascript, and React.js through modular coding.
- Gained proficiency wire-framing projects, creating entity-relationship-diagrams, and dependency graphs using programs like Adobe XD.
- Learned and practiced Back-End programming skills using Python and Django.
- Collaborated in group projects and workflow through a process of pull requests to eliminate merge conflicts.

## PROJECTS

Supply Us | Individual Project | [View Frontend Code](#) | [View Backend Code](#) | [View App](#)

- Full-Stack, single page application using **React** and styled with **React Bootstrap**. Implements full CRUD functionality.
- Backend API coded with **Python** using a **Django** rest-framework.
- Allows teachers to upload school supply lists and combined multiple lists into one, easy to read list to help parents while shopping.

Rare | Group Backend Project | [View Code](#)

- Group project creating a social media app.
- I was individually responsible for the creating the post and tag methods.

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## PROFESSIONAL EXPERIENCE

### Akiva School

Teacher of 5th and 6th Grade English, Social Studies, and Science | (July 2016-July 2020)

*A small private Jewish School for grades K-6*

- Developed and delivered distinct and integrated curricula in Humanities to provide effective instruction
- Planned daily lessons to engage student learning and develop critical thinking skills
- Used test scores to identify gaps and created data-driven solutions tailored to students' needs
- Differentiated to accommodate ESL students and those with special needs
- Cultivated communications with parents to help conflict resolution
- Planned and oversaw major school trips, and various administrative duties

### Martha O'Bryan Center

Instructional Designer | (August 2015-July 2016)

*A one year Americorps assignment at a non-profit to help children and adults improve their lives*

- Instructed adults, aged 18-64, who were experiencing poverty to help them obtain high school diplomas
- Developed a curriculum to be taught both in person and online to cater to students' needs
- Reinforced reading skills in one-on-one and small group settings

### Lindamood Bell

Tutor | (May 2015-August 2015)

*A Tutoring service designed to help children with learning disabilities*

- Strengthened reading skills for students who either have dyslexia or on the autism spectrum in one-on-one settings
- Identified specific learning patterns through detailed observation

### Metro-Nashville Public Schools

Student Teacher | (January 2015-May 2015)

- Apprenticed at East Magnet High and Head Middle School to hone best practices in classroom management
- Taught in a variety of classrooms ranging from 8th-12th grade to experience different learning environments

### Primerica Inc Legal Department

Intern | (Summer 2013)

*A security and life-insurance company which helps with financial planning*

- Organized meetings about social media law for independent salesforce
- Analyzed different types of social media infractions which conflicted with FINRA regulations
- Created a workflow to ensure the most serious infractions were dealt with in a timely manner