

Zachary Walters

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Experience: **Pearson (MZD – Pearson) – Senior Software Engineer** 2021-10-01 to present

- Full stack web app development using Go, Vue, Postgres, AWS Infrastructure
- Maintaining and engineering new features in modern academic assessment platforms
- Extending and integrating reporting capabilities in academic assessment platforms
- Creating custom rostering services
- Building and maintaining internal company tools
- Creating and maintaining AWS Serverless Lambda modules
- Engineering concurrent services with Goroutines
- Integrating startup AWS Infrastructure into enterprise AWS Infrastructure
- Engineering columnar storage solutions with Memsql/Singlestore for fast data access
- Building and maintaining custom data pipelines

New Constructs, LLC – Software Engineer 2017-06-01 to 2021-10-01

- Lead Engineer on our Financial Models team.
- Full stack web app development using Java, Javascript, Postgres, AWS Infrastructure
- Building data aggregation and analytics software using Python and machine learning technologies
- Manage data access, generation, and storage
- Contributed to internal system development and operation, including our proprietary internal desktop application, machine-learning parsing application, automated modeling tools, and client facing web application
- Contributed to the development and maintenance of an automated, scalable, and secure system architecture
- Working with financial analysts to build tools for smarter investing

Crystal Clear Fiber, LLC – Software Engineer 2015-02-01 to 2017-06-01

- Full stack web app development using PHP, Laravel, Javascript, CSS, MariaDB
- VPC administration with Amazon Web Services

Genesco Inc – Intern Software Engineer 2014-04-01 to 2015-02-01

- Used Javascript and Oracle RDBMS to create internal webforms

Education: Bachelors of Science (B.S.), Computer Science
Minor in Mathematics
Middle Tennessee State University
Spring 2014

References: Submitted upon request