Reid Cooper

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EDUCATION

- **Monmouth University** — West Long Branch, NJ
  Master's of Science, Software Engineering; GPA: 3.97 — *May. 2014 – May. 2015*

- **Monmouth University** — West Long Branch, NJ
  Bachelor of Science, Software Engineering; Minor in Mathematics; GPA: 3.44 — *Sept. 2010 – May. 2014*

EXPERIENCE

- **Teachable** — New York, NY

  Senior Software Engineer II; Growth Revenue — *Mar 2023 - Present*
  - **Tensorflow**: TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models. Worked on APIs and performance for training models on Tensor Processing Units (TPU).
  - **Apache Beam**: Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.

  Senior Software Engineer I; Student Experience Team Lead — *Aug 2020 - Mar 2023*
  - **Tensorflow**: TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models. Worked on APIs and performance for training models on Tensor Processing Units (TPU).
  - **Apache Beam**: Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.

  Software Engineer; Core — *Mar 2019 - Aug 2020*
  - **Tensorflow**: TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models. Worked on APIs and performance for training models on Tensor Processing Units (TPU).
  - **Apache Beam**: Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.

- **Mack Weldon** — New York, NY
  Full Stack Software Engineer — *Sept 2015 - March 2019*
  - **E-Commerce Platform**: Developed new and maintained existing product features. Built with Rails, Backbone/Marionette, and Spree/Solidus e-Commerce SPA
  - **Loyalty Program**: Custom product solution designed and devloped for Mack Weldon's first loyaly program, Weldon Blue. A rule based engine that offered tiered-based benefits to our customers before checkout.
  - **Data Warehouse**: Built first revision of Mack Weldon's founding data warehouse. Built using AWS Redshift, Data Pipelines, and SegmentIO. Streamed data from marketing, core e-commerce, and merchaise inventory platforms.
  - **Shopify POS System**: Designed and developed message broker integration using RabbitMQ to link core e-commerce platform with Shopify's POS system to help launch Mack Weldon's first store location in Hudson Yards, NYC.
  - **Peanut Butter and Jelly (PBJ)**: CMS Application that expedited content creation, landing, and platform pages. Reduced our workload roughly 70%. Integration with Contentful CMS. Deployed and hosted on AWS S3.

APPS

- **Dashcoop**: A Roku screensaver that displays the current time and weather in an intuitive dashboard layout. Highly customizable. Configure your location, clock format, units of measurement, screen dimmer, and much more. Backend server written in Ruby and Sinatra. Integrates WeatherAPI's Weather and Googles Geocoding APIs. 5,800+ cumulative downloads to date.

PROJECTS

- **Kane Brewery Management System**: A Ruby-On-Rails full stack brewery management system that keeps track of in-progress and finished product. A cost effective solution for small-scale breweries and wineries that wish to separate themselves from redundant inventory tracking methods.