Derek Shiller

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Work Experience

DailyPay   Software Engineer   2016-
                                                                   Present
Salary advance fintech startup with product written in Rails, SQL, and JavaScript
· Created backend system to integrate payroll information from partner API
· Implemented 'PAYTM' feature used to transfer millions of dollars
· Designed salary product to allow non-hourly users to access earnings
· Wrote translation system to manage copy in English and Spanish
· Built dynamic integration tests to accommodate unexpected user behavior

University of Nebraska, Omaha   Visiting Assistant Professor   2013-
                                                                   2016
· Designed and taught courses on logic, philosophy of mind, and ethics
· Published papers on philosophy of mind and ethics

Selected Personal Projects

Skills

Neural Network Simulator   Live, Github
   JavaScript program for creating neural networks in browser

Ruby / Rails

PhilosophyDataProject   Live, Github
   Rails site for academic philosophy metadata

SQL

JavaScript

Piper   Live, Github
   JavaScript puzzle game inspired by Microsoft's Pipe Dream

React

LaTeX

Git

Education

App Academy   2016

Princeton University   2015
   Ph.D. Philosophy
   Dissertation on formal approaches to evidence

Yale University   2008
   B.A. Mathematics and Philosophy
   Coursework centered on logic and natural language semantics