Dan Noh

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SKILLS

React, Redux, Ruby on Rails, JavaScript, SQL, Git, OOP, REST, HTML5, HTML Canvas, CSS3, AJAX

PROJECTS

Best Reads | *(PostgreSQL, Ruby on Rails, Javascript, React, Redux)*   **live** | **github**
Full-stack web app clone of Good Reads, a site for book lovers and their virtual bookshelves.
- Incorporated strong user privacy through frontend / backend authentication measures and React Router, allowing users write access only for their bookshelves and reviews.
- Customized a session form React component to dynamically render as login or sign-up based on events triggered by user actions, including transferring non-state persistent data across components.
- Instituted a joins table to represent adding and removing a book to a bookshelf to normalize the Redux state.

When Elephants Fly | *(JavaScript, HTML Canvas, CSS)*   **live** | **github**
A classic side scroller game with the player as a paper airplane trying to keep aloft while avoiding elephants
- Developed a custom physics engine that conditionally manages lift, dive, gravity and updraft air currents.
- Devised a collision detection algorithm for game sprite objects moving at different speeds and in different directions.
- Refined graphics performance through the use of HTML5 Canvas and animation frames.

EXPERIENCE

Project Coordinator
HomeTown Exterior Co., Fairfax, VA   2005 - 2012, 2014 - 2018
- Analyze and audit historical work orders to reconcile discrepancies with final invoices, accounting for 4% of gross income.
- Coordinate complex work schedules, collaborate with onsite work crew to plan project logistics, and serve as point of contact for 10-15 locations per month.
- Research and expedite procurement of project materials to maintain project velocity of 4-6 per week.

Project Coordinator
AMF Metal Art Inc., Springfield, VA   2012 - 2013
- Lead initial consultation with prospective clients, identifying key factors in proposals to determine feasibility and scope of projects, via analysis of architectural drawings.
- Manage material supply and process outsourcing necessary for fabrication.
- Conduct project planning and operations (schedule installation, coordinate necessary legal documents) to ensure project completion to client satisfaction and master schedule.
- Manage financial requirements and documentation to ensure contract fulfillment and final payment.

Accounting and Financial Analyst Intern
ActionAid International USA, Washington DC   2009
- Conducted analyses of monthly donation trends, cash flow, employee costs, annual budget, and KPI (Key Performance Indicators) published in ActionAid briefing documents for annual Board of Directors Meeting.
- Managed journal entries, income statements, and reconciled monthly bank statements using Financial Edge software.

EDUCATION

Princeton University - Bachelor of Arts, Economics   2001-2005
Princeton, NJ
- Senior Thesis - Amazon.com: An Analytical Case Study - an empirical analysis of the success of Amazon.com involving extensive use of statistical software - Excel and Stata.
- Curriculum Highlights - Linear Algebra, Statistics, Econometrics, Technology Entrepreneurship, Introduction to Java.

App Academy   2019
New York, NY
- Rigorous 1000-hour software development course with < 3% acceptance rate that teaches full-stack web development: Rails, SQL, JS, React, OOP, REST, TDD, algorithms and programming best practices.