Benjamin Scruton

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EDUCATION

Coding Dojo   Full stack developer certificate in Python, MERN, and Java; highest honors in each   2021

Yale University   Masters of Philosophy, Near Eastern Languages & Civilizations.   2018
B.A., History of Art / Near Eastern Languages & Civilizations.   2014

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, HTML, CSS   **Frameworks & Libraries:** React, Django, Spring Boot, Express, Node.js, Socket.IO, Axios, jQuery, Materialize, Bootstrap   **Databases:** MongoDB, MySQL, SQLite
Tools: Visual Studio Code, PostMan, MySQL Workbench, Git, GitHub   **OS:** Linux, MacOS, Windows

TECHNICAL PROJECTS

Dinner Getter   *Java, JavaScript, Spring Boot, React, Node.js, MySQL, Auth0, Axios, Materialize*
App to find recipes based on ingredients users have, and to build and manage shopping lists
- Wrote back end using Java, Spring Boot, and MySQL to utilize relational database capabilities
- Developed a React front end for fast load times, and styled with Materialize for clean aesthetics
- Introduced drag-and-drop functionality to shopping list to allow users to reorder lists easily
- Connected front and back ends via a Java / Spring Boot API, using Axios to streamline communication
- Added Auth0 third-party authentication for user convenience and security

Chess Roulette   *JavaScript, React, Express, Node.js, Socket.IO, bcrypt, MongoDB, Mongoose, JWT, Bootstrap*
Single-page application that allows users to play chess against one another in real time
- Connected React front-end to Express and Mongo back-end using Axios for a snappy user experience
- Wrote move logic in separate JavaScript modules for each piece, to facilitate introduction of chess variants later in development
- Implemented bcrypt for password security and JSON Web Token to store user session information
- Added Socket.IO to show moves from opponents in real time, allowing play without page refreshes
- Styled with Bootstrap and custom CSS to balance visual consistency with functionality

Bookshelf   *Python, Django, bcrypt, Materialize*
App for users to track and organize books with customizable "shelves," and recommend books to friends
- Applied Django's ORM methods to connect users to their shelves and to other users, allowing them to organize their own reading interests and exchange comments and book recommendations with friends
- Secured user passwords with bcrypt hashing
- Styled with Materialize and custom CSS for a pleasant and consistent user experience

EXPERIENCE

Administrative Temporary Employee, Mack & Associates:
- **Chicago Board of Elections I.T. Department**   Feb – Nov 2020
  - Configured laptops and other voting equipment for over 2000 precincts across Chicago
  - Managed equipment and provided technical support by phone for early voting
  - Provided I.T. crisis support on election day to ensure voters across the city were able to cast votes
- **Golub & Company**   June – July 2020
  - Provided direct support to building tenants and visitors, liaising between building management, staff, and tenants to ensure clear communication and expedient problem resolution

Ph.D. Candidate, Yale University   2014 – 2019
- Designed a curriculum for full-year Sumerian and Akkadian language classes
- Taught Sumerian and Akkadian to both undergraduate and graduate students, using a variety of resources including sometimes reading directly from original Mesopotamian artifacts
- Contributed to a 2018 Yale Peabody Museum exhibition of the Yale Babylonian Collection; worked hands-on with artifacts, and wrote research entries for museum displays and the published catalogue
- Participated in the Megiddo Archaeological Excavation at Tel Megiddo in northern Israel in 2016