DANIEL CHOI

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SKILLS

Ruby	Ruby on Rails	JavaScript	jQuery	React.js	Redux	SQL
Git	HTML	CSS	Java	MATLAB	R	PhotoShop

PROJECTS

CitySounds · Rails · React · Redux   Live · GitHub
Full-stack web application for sharing & playing ambient city soundscapes.
- Uses a custom CSS-styled ReactAudioPlayer skin to display album artwork, switch between tracks, and play audio stored on AWS S3 via the Paperclip gem.
- Dynamically renders modular React components for editing user info fields and managing multiple track uploads within albums on an individual basis.

Atari Tempest Lite · JavaScript · Canvas   Live · GitHub
Retro browser game inspired by Tempest, the 1981 arcade game by Atari.
- Translates and rotates vectors on the fly to render three-dimensional surfaces.
- Handles mouse and keyboard controls smoothly using separate down/up events.

SneakySQL · Ruby · SQLite3   GitHub
ORM (object-relational mapping) tool for mapping SQLite3 entries to Ruby objects.
- Utilizes the SQLite and ActiveSupport gems to allow object-oriented SQL actions.

EDUCATION

App Academy   **New York, NY**
Full-stack web development bootcamp, acceptance rate <5%   Feb 2017 – May 2017

Cornell University, College of Arts and Sciences   **Ithaca, NY**
Bachelor of Arts in Biological Sciences; Concentration in Computational Biology   Aug 2010 – May 2014
- Cumulative GPA: 3.771

Relevant Coursework
- Intro to Computing Using MATLAB
- Object-Oriented Programming & Data Structures
- Discrete Structures
- Linear Algebra with Applications

Technical Certifications   **Dates Active**
- CompTIA A+ ce   Sep 2016 – Sep 2019
- CompTIA Healthcare IT Technician   Sep 2016 – Forever

WORK HISTORY

Simply Vietnamese   **Tenafly, NJ**
Front of House Staff   Dec 2016 – Feb 2017
- Greeted and seated arriving guests; provided friendly customer service.

NYU Langone Medical Center
Research Assistant   **New York, NY**
                                                                          Oct 2014 – Aug 2016
- Developed, executed, and transcribed animal surgery & calcium imaging protocols; abstract accepted for WIP 2016 conference & pending publication.
- Wrote Excel VBA and AutoHotkey scripts automate over 50% of the data analysis process, saving my colleagues hours of busywork; acknowledged in Mol. Pain.
- Used Excel lookup functions to standardize ADNI clinical data for statistical analysis; abstract accepted for IARS 2015 & pending publication in J. Pain.