David Tan

Software Developer

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EDUCATION

New York University | New York City, NY   Sep 2011 - May 2015

Bachelors of Science in Computer and Electrical Engineering   *GPA: 3.73 (magna cum laude)*

App Academy | New York City, NY   Dec 2016 - Mar 2017

Intense 1000-hour coding bootcamp focusing on best practices in web development

EXPERIENCE

Epic | Verona, Wisconsin *- Interface Engineer*   Jul 2015 - Dec 2015
- Developed M routines in UNIX environment, efficiently querying a SQL database in order to parse primary care providers for clients
- Communicated with clients on a weekly basis to debug errors and facilitate a smooth UX
- Produced documentation for error resolution which was used by clients as a template

PROJECTS

LoCast : *Location-based weather forecast delivery site*
Rails, JavaScript, React, Redux, CSS, HTML, PostgreSQL
- Leveraged Google Geocoding API to accept various address formats for improved usability
- Incorporated JBuilder to format JSON API responses for ease of development
- Applied ChartJS for accessible data visualization of current and past forecasts

QueueOverfilled : *Single page forum site inspired by StackOverflow*
Rails, JavaScript, React, Redux, CSS, HTML, PostgreSQL   Repo
- Eager loaded associated resources to prevent N + 1 queries for faster calls to database
- Created modular text editor component for the forum's questions and answers

Alien Raiders : *Classic top-down arcade shooter inspired by Space Invaders*
JavaScript, CSS, HTML   Repo
- Utilized EaselJS to scale and render assorted size images for optimal performance
- Implemented inheritance tree for all moving objects to maintain behavior

DOMain : *Demo of a DOM manipulation library inspired by JQuery*
JavaScript   Repo
- Created an event queue allowing DOM elements to hold multiple event handlers

SKILLS

Ruby/Rails, JavaScript, HTML/CSS, SQL, React, Redux, Git, C/C++, Python, Java, C#