
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 with under 5% acceptance rate

EXPERIENCE

Epic | Verona, Wisconsin - Interface Engineer

Jul 2015 - Dec 2015

- Coded M routines in a UNIX environment to collect data from health records in a SQL database to determine reputable primary care providers
- Communicated with clients weekly and resolved errors swiftly to guarantee satisfaction
- Documented errors and their resolutions; it was used by the teams for multiples fixes

PROJECTS

LoCast : Location-based weather forecast delivery site

Rails, JavaScript, React, Redux, CSS, HTML, SQL

- Utilized geocoding API to accept different address formats for improved usability
- Used JBuilder to prevent access to sensitive information (e.g. password hashes)
- Applied ChartJS for data visualization of current or past forecast data

QueueOverfilled : Single page forum site inspired by StackOverflow

Rails, JavaScript, React, Redux, CSS, HTML, SQL

[Repo](#)

- Used eager loading with Rails associations to speed up slow API calls
- Created modular text editor component used for questions and answers creation / edit

Alien Raiders : Classic top-down arcade shooter inspired by Space Invaders

JavaScript, CSS, HTML

[Repo](#)

- Utilized EaselJS to scale and render assorted size images
- Used inheritance for all moving objects to maintain behaviors

DOMain : Demo of a DOM manipulation library inspired by JQuery

JavaScript

[Repo](#)

- Created an event queue for each element to allow for multiple event actions

SKILLS

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