

BEN HERNANDEZ

JAVA AND JAVASCRIPT SOFTWARE DEVELOPER

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PROJECTS:

JAVA GRAPHING LIBRARY (<https://github.com/BenAychh/basic-graphing>)
PL/PGSQL DATA ANALYSIS (<https://github.com/BenAychh/plpgsql-graphing-functions>)

A graphing library written in Java designed to work with data pulled from a Postgres Database via PL/pgSQL functions.

TECHNOLOGIES USED: Java, PL/pgSQL, Postgres

TWITTER FIREHOSE (<https://github.com/dsudia/fitter>)

REACT-TWITTER-CLIENT (<https://github.com/BenAychh/react-twitter-client>)

A two-part project that consumes and filters Twitter's Firehose then sends the filtered tweets out via WebSockets to connected clients (with valid API keys). Programmed in a Pair Programming environment.

TECHNOLOGIES USED: SparkJava, Java, React, ChartJS, Twitter's HBC, MongoDB.

SCHOOL TICKET SALES (<http://school-tickets.herokuapp.com/>)

An app to allow teachers and administration to sell tickets for upcoming event during lunches and before and after school. Facilitates very fast check-in the night of the event.

TECHNOLOGIES USED: jQuery, Node.js, Postgres,

CALCULATOR (<http://calculator.benaychh.io>)

A graphing calculator for students to use for completing homework at home.

TECHNOLOGIES USED: <canvas>, MathJax, MathJS,

EDUCATION:

GALVANIZE

Full Stack Immersive (2016)

- Lead breakouts
- Taught Java Lessons
- Improved Java Curriculum
- Student ambassador at Informational Meetings

UNIVERSITY OF TEXAS AT SAN ANTONIO

BS in Mathematics (2008)

- 3.48 Cumulative GPA

Experience:

MATH TEACHER (August 2009 – July 2015)

Brandeis High School

- District Secondary Educator of the Year (2012)
- Technology Innovator Award (2014)

EXPERTISE

Languages

- Java
- JavaScript
- PL/pgSQL
- PHP
- C#
- LaTeX
- Jade

Tools

- Angular
- React
- PostgreSQL
- SparkJava
- Play Framework
- Spring.io
- Sequelize
- Knex
- C3P0
- Multi-Threading
- Concurrency
- Double-Buffering
- MongoDB
- Node
- Express
- jQuery
- git
- Bootstrap
- <canvas>
- OAuth
- Mocha
- Chai
- Jasmine
- Junit

Technique

- Pivotal Tracker
- Pair Programming
- TDD
- Agile Workflow