

AMY DE GENARO

Brooklyn, NY · amydegenaro.com

TECHNICAL SKILLS

Proficient: JavaScript, Node.js, Express, PostgreSQL, Sequelize, React, Redux, HTML5, CSS3, Git/Github, Waffle.io
Familiar: Mapbox, Docker, Three.js, Socket.io, Webpack, OAuth, Bootstrap, SQL, TDD, Mocha, Chai, AGILE

PROJECTS

Galacticcode | Developer | galacticcode.herokuapp.com August 2018
A 3D space-themed platform to practice your JavaScript skills

- Key Technologies: JavaScript, React, Redux, Docker, Three.js, Express, PostgreSQL, Sequelize, Mocha, Chai
- Created a dedicated API to run user-submitted code in a secure Docker container, separate from the main app
- Designed and implemented a clean and attractive UI for code challenges using CSS Grid Layout

Parkitech | Sole Developer | parkitech.herokuapp.com August 2018 – present
A responsive, geotagged work management app to facilitate park operations

- Key Technologies: JavaScript, Mapbox, React, Redux, Dark Sky API, Express, PostgreSQL, Sequelize
- Incorporated an organization schema to track tickets by category, status, and priority and filter in a map view
- Leveraged HTML5 Geolocation API and Mapbox to allow users to add their current location to new task items

SpellBinder | Developer | spell-binder.herokuapp.com July 2018
An e-commerce web application that sells a variety of magic spells

- Key Technologies: JavaScript, React, Redux, Express, PostgreSQL, Sequelize, Passport, Google OAuth, Bootstrap CSS
- Collaborated with two other partners through Github, managing AGILE workflow with Waffle.io
- Implemented shopping cart functionality, RESTful web services for back end, and overall Bootstrap CSS design

WORK EXPERIENCE

Fullstack Academy of Code, New York, NY September 2018 – present
Teaching Fellow, Grace Hopper Program

- Mentor 35+ students by providing daily debugging assistance and weekly technical office hours
- Conduct technical programming interviews in JavaScript for prospective students
- Deliver weekly lectures on algorithms and data structures for technical interview preparation
- Manage two student projects from ideation to deployment as team leader, technical mentor, and code reviewer

Rose Kennedy Greenway Conservancy, Boston, MA June 2015 – March 2018
Development Associate

- Served as eTapestry database administrator, managing 7,500-8,000 donor records and \$1.5-1.7M in donations/year
- Managed online donation forms and fundraising pages on the Conservancy's website using Concrete5 and cPanel
- Ran 5-10 queries/week for benchmarking reports, fundraising campaigns, events, and Board meetings

Pearson Education, Boston, MA December 2013 – May 2015
Editorial Assistant - Geography, Meteorology, & Geospatial Technologies

- Inputted & maintained accurate data for 100-150 projects and 12 authors using internal database systems
- Provided copyediting and accuracy review of page proofs for 5-6 major textbooks per copyright year

Massachusetts Department of Environmental Protection, Boston, MA May 2013 – November 2013
Data & Information Systems Intern/Contractor

- Inputted, managed, and QA/QC reviewed environmental program data in MassDEP agency databases
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EDUCATION

GRACE HOPPER PROGRAM at FULLSTACK ACADEMY, New York, NY August 2018
Immersive 17-week full stack software development bootcamp

CONNECTICUT COLLEGE, New London, CT May 2012
B.A. *magna cum laude* in Environmental Studies, minor in Anthropology | GPA 3.85 | Phi Beta Kappa

INTERESTS

Reading · Crochet · Art & Calligraphy · Puzzles · Urban Parks · Meteorology · Geography · Gaming