

# AMY DE GENARO

Brooklyn, NY

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## TECHNICAL SKILLS

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

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## PROJECTS

**Galacticcode** | Developer | [galacticcode.herokuapp.com](https://galacticcode.herokuapp.com) August 2018

*A 3D space-themed platform to practice your JavaScript skills*

- Key Technologies: JavaScript, Docker, Three.js, Node.js, Express, PostgreSQL, Sequelize, React, Redux, 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](https://parkitech.herokuapp.com) August 2018 – present

*A responsive, geotagged work management app to facilitate park operations*

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

**SpellBinder** | Developer | [spell-binder.herokuapp.com](https://spell-binder.herokuapp.com) July 2018

*An e-commerce web application that sells a variety of magic spells*

- Key Technologies: JavaScript, Google OAuth, Bootstrap, Node.js, Express, PostgreSQL, Sequelize, React, Redux
- 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 – December 2018

*Teaching Fellow, Grace Hopper Program*

- Mentored 35+ students by providing daily debugging assistance and weekly technical office hours
- Conducted technical programming interviews in JavaScript for prospective students
- Delivered weekly lectures on algorithms and data structures for technical interview preparation
- Managed three 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

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## INTERESTS

Reading · Crochet · Puzzles · Urban Parks · Meteorology · Gaming