

Bradley Rucker

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Software Engineer in St. Louis, MO

Driven and Adaptable Team Player with a Passion for Problem Solving and Learning New Tech Skills.

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PROJECT EXPERIENCE

Taste Buddies — Tinder for Restaurants

- Designed as a full stack web application
- Uses Google Maps Platform's Places API to display restaurant data based on a user specified location
- Rebuilt second iteration of backend in Rails: designed as a RESTful API to support ~3,000 MAU.

WORK EXPERIENCE

Harbor Master — Grafton Harbor, Grafton, IL

January 2019 - June 2021

- Directed a team of 10-12 personnel during peak summer months and 4-5 personnel during winter, overseeing all aspects of operating a small boat harbor catering to pleasure crafts.
- Executed safe operations of heavy machinery during winter dredging and harbor maintenance, prioritizing the safety of all personnel involved.
- Managed slip assignments for yachts up to 75 feet, ensuring adherence to proper slip dimensions, power requirements, and sufficient draft for safe maneuvering.
- Supervised the day-to-day management of the marina's restaurant docks during summer, skillfully organizing boaters into the correct sized slips and handling cash transactions with a high level of professionalism.
- Managed the fuel dock, demonstrating proficiency as a B operator and maintaining equipment through timely and thorough monthly, weekly, and quarterly checks.
- Trained dockhands and fuel dock personnel on essential skills such as knot tying, safe handling of large yachts in varying conditions, and effective customer service.

Tour Boat Operations Manager — Grafton River Adventures, Grafton, IL

January 2019 - Present

- Planned and executed tour boat routes while ensuring the safety of passengers and crew.
- Conducted safety drills, including man overboard, fire, rough weather, and unruly passenger safety plans with the deck team.
- Implemented communication protocols to ensure effective communication between crew members and passengers.
- Ensured that the vessel met Coast Guard-required conditions to pass

SKILLS

PROGRAMMING LANGUAGES

- Java
- Python
- TypeScript
- JavaScript
- HTML5/CSS3

FRAMEWORKS

- SpringBoot
- AngularJS

DATABASES

- MySQL

TOOLS

- VS Code
- IntelliJ IDEA

AWARDS

2021 Top Sales Award (First Mate Boat Sales) - First Mate Boat Sales Most Sales of 2021

annual inspections.

- Interviewed, hired, and trained other captains while implementing safety checks to be performed pre-cruise.
- Maintained detailed records of daily activities, weather, and sea conditions and checked for spills and other pollutants to communicate findings to land staff.
- Participated in a maritime drug testing consortium to ensure compliance with federal regulations.
- Operated the vessel using a 100-ton Masters Captain's certificate.
- Developed procedures for safely docking and undocking, using VHF radios, ship sounding devices, weather reports, current and river depth readings.

Yacht Broker — First Mate Boat Sales, Grafton, IL

May 2019 - Present

- Designed, implemented, and maintained the firstmateboatsales.com website using SquareSpace.
- Prepared contracts and facilitated yacht Coast Guard documentation transfer procedures.
- Responded to inquiries via telephone and email regarding licensing, commissions, website logins, and website navigation.
- Managed user accounts as an administrator for yacht listings on prominent platforms such as yachtworld.com, boats.com, and boattrader.com.
- Utilized yachtcloser.com for online documentation management.
- Coordinated inspections and surveys of vessels, and collaborated with brokers nationwide to execute co-brokerage transactions.
- Demonstrated expertise in various products and benefits within the industry to support clients in selecting vessels that met their requirements.
- Conducted sea trials and delivered new vessel owner training leveraging my Captain's Credential.
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EDUCATION

LaunchCode, LC101 Programming Course — 2023

Millikin University, Bachelors of Science in Physics — 2014

World Wide Marine Training, USCG Merchant Mariner Master Captain's License — 2019