Bryan A. Castillo Garcia

US Citizen | bryangar2@hotmail.com | (510)-579-8821 | LinkedIn: BryanCastilloGarcia | GitHub: bryanCastle

EDUCATION

Evergreen Valley College   **San Jose, California**
A.S.T. in Computer Science   *Graduation, Jun 2025*
CSU East Bay   **Hayward, California**
B.S. in Computer Engineering   *Expected Graduation, Jun 2027*
- o **Concentrations:** Intelligence and Modeling/Simulations
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

PROJECTS

ML UFC Predictor   **San Jose, California**
Developer   *2025–Present*
- Engineered a leakage-safe pipeline (chronological splits, ELO updates, rolling windows); built **121** features, including **9 ELO variants**.
- Trained an optimized Random Forest (internal **99.59% accuracy**; external **76.9% on 13 unseen fights**) with confidence scoring.

Trip Itinerary   **San Jose, California**
Developer   *2025–Present*
- Built a **full-stack** trip planner with create/manage trips, date selection, hour-by-hour scheduling, notes, and a daily view, with a clean front/back split (**frontend, backend**) for maintainability.
- Implemented a **mobile-responsive UI** and structured components for reuse across daily/itinerary views.

EXPERIENCE

The Boiling Crab   **San Jose, California**
Server Lead   *2021–Present*
- Resolved order/guest issues under pressure with **problem-solving** and root-cause analysis across **10,000+** guest interactions; prevented repeat errors.
- Communicated requirements and ETAs across guests, hosts, aid staff, and kitchen with **Effective communication** during peak hours of **100+ reservations**.
- Coordinated FOH/BOH during rushes as a team player, coordinating **teams of up to 30 people** and directing support staff to serve **150+ customers simultaneously** while maintaining on-time delivery and service quality.
- Managed concurrent tables, POS updates, and payments with high accuracy and speed, demonstrating **Multitasking and time management.**

ACTIVITIES AND LEADERSHIP

Arrow Robotics Club   **San Jose, California**
Team Member   *Aug 2024 – Aug 2025*
- Arduino/Raspberry Pi builds with PWM motor control & sensor I/O; basic autonomy (line-following/obstacle avoidance).

NASA Space Grant   **San Jose, California**
Team Lead   *Jul 2025– Current*
- Led Arduino firmware & subsystem integration for a **self-cleaning solar-panel rover**; modular code + actuator control.
- Led a **4-person team:** set scope, split tasks (firmware, mechanics, power, testing), scheduled weekly standups, and tracked milestones in shared docs and **code review.**

SKILLS

Programming: Java, Python, Go, JavaScript, TypeScript, C, C++, Swift (iOS), React, Next.js, Three.js, Zustand, HTML/CSS, Node.js, MongoDB, SQL, Tailwind CSS, scikit-learn, pandas, NumPy, Matplotlib, Pillow,
Tools: Android Studio, Git, VSCode, PyCharm, Eclipse, AWS, Jupyter Notebooks, Bootstrap, Spring Boot, Agile/Scrum