Benjamin B. Bong

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US Citizen in Providence, RI

Education

- B.S. in Electrical Engineering, University of Rhode Island, 3.5 GPA — Junior expected May 2028
- Expected spring courses: PCB Design, FPGA design

Work History

Test and Debug Technician at Federal Electronics, RI — *Jun 2026 to Sep 2026*

- Tested and debugged PCBs using PCB schematics and test/lab equipment like oscilloscopes and function generators, keeping track of work orders using Excel and Word.
- Cleared a large end-of-month processing delay by discovering a flaw in the test procedure, altering it while adhering to the customer's specifications.
- Applied instruction and guidance from technicians, test/process engineers on debug techniques and test procedures to complete more work orders in a day.

CS 200 Teaching Assistant at URI, RI — *Sep 2025 to May 2026*

- Mentored undergraduates in foundational C++ and Python, helping students understand technical topics by breaking them down and meeting them where they are at.
- Made and maintained study guides, lesson materials, and kept track of attendance using Excel, Word, and PowerPoint documents to be used among TAs, students, and the professor.

Server at Reiners, RI — *Feb 2024 to Sep 2024*

- Served and handled orders for food and drinks promptly while maintaining a friendly demeanor in a fast-paced team environment.
- Resolved issues by collaborating with cooks, wait staff and manager to ensure quality service.

Projects & Interests

Electric Skateboard

- Designed a custom dual-motor electric skateboard using 3D-printed mounts designed on Fusion.
- Configured, sourced, and soldered the battery and electronics to run 2 motors.
- Kept track of specifications and constraints on Word and Excel documents.

Interests: Bike Restoration, Board Games, 4X Video Games, Sunday School, Hiking, Muay Thai