Brian Tan

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EDUCATION

University of Massachusetts Amherst   Anticipated May 2025
Bachelor of Science in Computer Engineering, GPA 3.7
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Abigail Adams Scholarship

Relevant Courses

Data Structures and Algorithms (Python), Security Engineering, Computer Hardware Organization and Design, Search Engines (Python), Circuits and Electronics I, System Programming (C), Intro to Efficient Algorithms, Discrete Math, AI (Python), Data Science (SciKit Python)

WORK EXPERIENCE

Citizens Bank, Johnston RI   Summer 2024
Tech Risk Automation Intern

- Created Python Automation Scripts for Control Testing
- Used Service Now in order to created data source for automation
- Used Spunk Querying to create data sources for control testing
- Experience with JIRA boards and epics for assignments
- Used WDesk in order to understand control/automation goals

Circuit Lab   Summer 2022/23
Lead Instructor

- Taught elementary and middle school students about technology concepts.
- Classes utilized breadboards, Arduinos, Wireless Bluetooth Receivers, motors, LEDs.
- Classes used Scratch, Raspberry Pis, MIT App Inventor, and Sonic Pi to teach coding and computer hardware concepts.
- Communicated with other instructors as well as student's parents and guardians.
- Stepped up to travel to distant locations when it was needed.

YMCA Camp, MA   Summer 2019
Camp Counselor

- Ensured the safety of all children in my group.
- Interacted with other counselors to create activities for K-6th grade children.
- Planned schedules daily that included lunch, swimming, snack, rotating activities, etc.
- Ability to adapt to any situation that occurred.

FELLOWSHIP EXPERIENCE

Headstarter AI   2024
SWE Fellowsip

- Created 5 AI Projects and participated in multiple hackathons
- Improved communication skills while collaborating with other driven developers

TECHNICAL SKILLS

Python, Splunk, Service Now, ARMv8 Assembly, MATLAB, Microsoft Office Suite, Google Workspace, C, Unix, LTspice, FPGA, HTML