

Blake Abel

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Education

- **Boston University - Computer Science Major** **Boston, MA**
College of Arts & Sciences, Kilachand Honors College 2018 – Jan 2022
 - Relevant Coursework: AI, Data Science, Discrete Mathematics, Number Theory, Algorithms, Computer Systems, Computer Networks, Linear Algebra, Functional Programming
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Work Experience

- **Microsoft** **Boston, MA**
Power Platform Software Engineer Intern 2021
 - Architected a new feature for the Power Platform Admin Center, and designed an in-depth spec to share with the team and to guide development during the internship.
 - Created and deployed database tables to support the new feature alongside existing tables.
 - Built an API to handle requests for the new feature, and the documentation so other groups at Microsoft could effectively build app integrations using it.
 - Integrated into a team of FTEs and learned from people throughout the company.
 - **Microsoft** **Boston, MA**
Garage Software Engineer Intern 2020
 - Created a project for the Microsoft Teams platform sponsored by the Microsoft Casual Gaming team, from planning to release working alongside other Garage interns.
 - Revamped an old codebase to create a more efficient modern game that used web technologies to handle multiple players in a Teams chat.
 - Presented to stakeholders such as the sponsor team CTOs at Microsoft regularly.
 - **Dow Jones** **New York, NY**
Web Development Internship @ Barrons.com 2019
 - Sped up site load times by 37% by optimizing their image loading.
 - Created a project called Snapshots by myself that automatically captures a screenshot of each Dow Jones owned page and saves it along with the pages' code to an AWS storage bucket.
 - Presented Snapshots to the CTO and other tech leads at the company, including a demo.
 - **BU SPARK!** **Boston, MA**
Special Initiatives Intern 2019
 - Worked on an innovative project that aims to analyze the health of open source projects and the communities around them with diversity and inclusion metrics.
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Projects

- **WTBU-Radio:** Cross-platform (React Native) iOS and Android app for listening to the BU radio station live stream & archived broadcasts natively. Released on Android and iOS app stores.
 - **E-Mission:** Won WHACK for Best MassCEC Project and Best Use of Google Cloud API: Android app that shows users their monetary/carbon savings by switching to electric cars based on their driving.
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Skills

- **Languages:** Typescript, Python, Java, C#, HTML/CSS • **Tools:** CLI, Git, Slack, Jira, Azure DevOps