Blake Abel

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Education

- **Boston University - Computer Science Major**   **Boston, MA**
  College of Arts & Sciences, Kilachand Honors College   *2018 – 2022 exp.*

    - Relevant Coursework: Data Structures, Discrete Mathematics, Number Theory, Algorithms, Computer Systems, Linear Algebra

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Work Experience

- **Dow Jones**   **New York, NY**
  Web Development Internship @ Barrons.com   *2019*

    - Worked in the agile workflow using scrum to manage what needed to get done on the site.
    - Implemented lazyloading images accross the site, speeding up load times by 37%.
    - Created a project called Snapshots 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 live demo.
    - Worked with other interns across the company to create a marketing plan & presentation to get college students more involved with the Wall Street Journal.

Projects

- **WTBU-Android:** Android app for listening to the BU radio station live stream and archives natively. Uses most recent Android lifecycle structures and is released on the Google Play Store.

- **E-Mission:** Won WHACK for Best MassCEC Project and Best Use of Google Cloud API. Android app that shows users their savings from switching from gas cars to electric cars based on driving.

- **CapShare:** Won Hack Chicago 2018 for Best Presentation. Website using Angular and Firebase for uploading photos that shows albums near you, making group pictures easy to distribute.

- **Discord Bot:** A bot for chat platform Discord that responds to commands in real-time written in Python using their API wrapper. First time working with an API and with asynchronous functions.

- **That Mixtape Is Fire:** Warm-up website for Hack Chicago 2018. Made to learn about CSS animations and responsive design for mobile while getting into the hacking mindset. Also used CI/CD to deploy.

Skills

- **Languages:** Java, Javascript, HTML, CSS, C#, Python •**Tools:** Command Line, Git, Slack, Jira, LaTeX

Activities

- **Robotics - Programming Captain**   **FIRST FTC Team #5190**
  Programming sub-team captain for high school robotics team, competed at world championships.

- **Radio - E-Board (Webmaster)**   **WTBU - The Beat of Boston University**
  I maintain the website, mobile apps, and other user-facing tech for the station. I also DJ live on-air.

- **Open Web Member**   **Open Web**
  Part of a community of driven coders who collaborate to create great projects outside of classwork.