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: Combinatoric Structures, Intro to Computer Science II

Work Experience

- **Learning & Event Technology Services**   **Boston, MA**
  Media Assistant   *2018*
  - Assist professors in classroom technology and provide rapid on-site troubleshooting.
  - Set up audio and video technology for large events on-campus, ensure smooth presentations.
- **MICDS Help Desk**   **St. Louis, MO**
  Summer Technology Support   *2016-2017*
  - Created and updated databases and back-end for school systems alongside senior staff.

Projects

- **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.
- **RobotPlus:** Reusable git submodule full of code for FIRST robots. An easy to integrate library for any team, letting us focus on competition-specific code. Learned advanced Java and more git features.
- **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.
- **Viewfinder:** Android app for interfacing with DeviantArt.com, with a focus on UX and modern design. Learned about app development, UI, and OAuth2. Working to put on Play Store.

Skills

- **Languages:** Java, C#, HTML5, CSS, Javascript, Python • **Frameworks:** Android, Electron, Angular
- **Concepts:** Algorithms, Data Structures, MVVM, VCS • **Tools:** Git, Slack, Adobe Creative Suite, LaTeX

Activities

- **Robotics - Programming Captain**   **FIRST FTC Team #5190**
  Programming sub-team captain for high school robotics team, competed at world championships.
- **Radio - Intern On-Air**   **WTBU - The BU Radio Station**
  I talk on-air, pick songs, and help manage audio levels for *Time / Space* every Thursday morning.
- **Open Web Member**   **Open Web**
  Only freshman to get accepted this year. Love being in a community of other driven coders at BU.