

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
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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
 - Diagnosed, repaired, re-imaged, and updated hundreds of computers for the entire school.
 - Provided quick and helpful on-site tech support to teachers and students.
 - Created and updated databases and backend for school systems alongside senior staff.
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Projects

- **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 build.
 - **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.
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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
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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.