**Ayca B. Solmaz**  
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**EDUCATION**

**Boston University** **College of Arts and Sciences,** Boston, MA May 2023  
*Bachelor of Arts (BA) in Computer Science, Minor in Business Administration*

**SKILLS**

**Technologies**: Visual Studio Code, XCode, AWS, Windows, macOS, Microsoft Software, LaTeX, Anaconda, Eclipse

**Programming**: Java, Python, C/C++, Unity, HTML/CSS/Javascript, ReactNative, Swift, Flask, SQL, , DOM Manipulation, jQuery, Git and Version Control, Node.js, Vue, NPM, Express.js, EJS, REST, APIs, SQL, MongoDB, Mongoose, Firebase, React.js, React Hooks, Deployment with GitHub Pages, Heroku and MongoDB Atlas

**UI/UX Design:** Figma, Adobe Cloud Software, Wireframing, User Research, Usability Test, Bootstrap

**Languages**: English, Turkish, Japanese

**WORK EXPERIENCE**

**BU Spark! X-Lab,** Boston, MA May 2021 - Present

*Project Manager and Software Developer*

* Directed communication between clients from WGBH, the technical team, and the journalism team.
* Administered the Boston Jobs Policy Project and the DCAMM Project and designated tasks to the journalism and technical teammates to improve the flow of the project deadlines.
* Coordinated the source code management and version control through GitHub.
* Implemented a calendar website system for a non-profit organization named MuckRock using React.js for front-end development and Python, Flask, and the MuckRock API for back-end development.

**BU Spark! Innovation Fellowship,** Boston, MA January 2021 – May 2021

*UI/UX Designer/Researcher, Project Manager, and Software Developer*

* Strategize a solution for international high school/college Basketball players to showcase their athletic achievements in the most optimal way through the implementation of computer vision and web application.
* Formulated job maps, customer personas, validation experiments, user story maps, continuous integration methods, and Agile development methods.

**Go Off!,** Boston, MA January 2021 - Present

*Chief of Product and Software Developer*

* Facilitate the Public Relations, Technology, and Business team to accelerate product development.
* Write weekly Sprint Reports for the processes of the technology team using Agile tools such as Jira.
* Guide and develop for the technology team with bugs, API integration, front-end development, and data science.
* Audit weekly reports from multiple teams to manage each teams' weekly assignments.
* Build a web application to allow users to have synchronous, moderated conversations to spread

**PROJECT EXPERIENCE**

**“Eyeball”,** Boston MA May 2021

* The implementation included OpenCV and TensorFlow for object detection, HTML/CSS/Javascript, Figma, and Adobe XD for frontend development, and Flask and SQL for backend development.
* All the work was coded on Visual Studio Code and Anaconda workspaces.
* Winner of the Judges’ Choice Award at BU Spark! Demo Day Spring 2021.

**“Go Off!”,** Boston, MA January 2021 – Present

* The implementation included React.js for front-end development and Flask, SQL, MongoDB, EJS for back-end development.
* The API’s implemented were PubNub Chat API and Twilio Chat API.

**OTHER EXPERIENCE**

**Computer Science Ambassador,** Boston, MA January 2021 – Present

* Mentor freshman Computer Science students to welcome them into the BU student body.
* Teach them preliminary critical Computer Science software systems such as GitHub, Figma etc.

**CS Connect,** Boston, MA September 2020 - Present

*Event Coordinator and Social Media Manager*

* Coordinated and planned events such as Q&A with Bloomberg, Code & Chill, and Big-Little Mentorship program for the Boston University student body to excel in their computer science journey.
* Designed and organized CS Connect's social media pages.

**Are We Cool?,** Boston, MA January 2021 - Present

*Co-President and Graphic Designer*

* Design graphics to combat social media negativity and update users on current international political affairs.
* Collaborate with a team of copywriters, designers, and managers to optimize the productivity of the movement.