

# Sagar Punjabi

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## EDUCATION

**B.S, Computer Science, GPA: 3.5** Dec '21  
**Brandeis University** Waltham, Massachusetts

## KEY SKILLS

**Software:** (*proficient*): Java, C#, Python, SQL, Git, Ruby on Rails (*familiar*): Kotlin, Angular

## WORK EXPERIENCE

**Co-founder** Feb '21 - Jan '22  
**SmartPonics** Cambridge, MA

- Created a startup with the mission of improving hydroponic farming; accepted into MIT Sandbox Innovation Fund and MIT I-Corps Spark cohort
- Leveraged Reddit, Facebook, and online forums to connect with farmers; validated problem statement by conducting over 50 one-on-one interviews with target users
- Authored several grant proposals securing a total of 5k in funding during ideation phase

**Full Stack Developer (Intern)** Jun '21 - Aug '21  
**VAE** Springfield, VA

- Increased customer satisfaction by reducing the number of clicks required to copy, create, and delete rows on frontend through implementation of four UX features using Angular
- Aided QA team in individual component assurance through manual testing

**Backend Engineer (Intern)** Jun '20 - Aug '20  
**VAE** Springfield, VA

- Wrote scripts using Scriban library for .NET to generate network traffic reports for field engineers
- Ensured functionality of APIs by writing integration tests in C#

**Full Stack Developer (Intern)** Jul '19 - Aug '19  
**Department of Youth & Community Development** Manhattan, NY

- Improved employee back-office web application in .Net Framework by adding salary information, employee search and internal job search webpages
- Expedited employee information search by creating an employee lookup table in MySQL
- Collaborated with team members to plan sprint on UI improvements for back-office web application; implemented 3 changes to UI using Angular

## Programming Projects

**StyleMe - Web Application** Sep '21 - Dec '21

- Led a team of three to develop an [outfit planning web application](#) using Ruby on Rails; responsibilities included weekly sprint planning and delegating work
- Reduced a user's time to upload clothes to our app by 3 minutes by integrating image & color recognition APIs in Ruby

**Weather Tracker - Android Application** Apr '20 - May '20

- Developed an app using weather API's to track weather conditions of any city using Kotlin and Android Studios
- Followed Material Design guidelines to create aesthetic and intuitive UI

**Secure File Transfer - Python Application** Apr '20 - May '20

- Built a secure file transfer system for communication between server and client using cryptographic primitives in python