# Sarthak Bhatnagar

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**Recent Computer Science graduate seeking a full time Software Engineer / Developer and IT position to build on my technical experience, education and skills as a programmer and support specialist.**

## KEY SKILLS

### Programming Languages

- Java, C, Python, SQL
- JavaScript, TypeScript,
- HTML/CSS, SASS

### Software

- PowerShell, Windows,
- Linux, Git,
- Ionic Framework,
- Node.js, Firebase,
- Wireshark, JMP

### Language Proficiency

- English - Conversational
- Hindi - Conversational
- French - Intermediate

## EDUCATION

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| **University of Connecticut** | **Storrs, CT** |
| **Bachelor of Science** | **December 2018** |

**Major: Computer Science, School of Engineering**

**Relevant Courses:**

- ❖ Computer Network and Data Communication (Python)
- ❖ Systems Programming (C and Linux)
- ❖ Artificial Intelligence
- ❖ Data and Text Mining (JMP)
- ❖ Data Structures and Algorithms (Java)
- ❖ Software Engineering (Java)

## ENGINEERING AND LEADERSHIP EXPERIENCE

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| **Information Technology Services** | **Storrs, CT** |
| **Advance IT & QA Technician** | **April 2016 - December 2018** |

- Supported UConn students and staff in identifying, troubleshooting and resolving computer software, hardware and network related issues in Windows, OS X and Linux environments.
- Responsible for training sessions for the new and returning student employees before the start of every semester.
- Performed QA on the technical tickets worked on by new and current technicians.

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| **Evalueserve.com** | **Gurgaon, Haryana, India** |
| **Mobile Application Development Intern** | **June 2017- August 2017** |

- Collaborated with a team of software engineers to build a hybrid mobile application which combines Evalueserve's Admin, IT, Transport and HR help desk databases into a unified mobile app.
- Developed a UI using the Ionic Framework, implemented hybrid and native functionalities, using JavaScript and Cordova to improve communication with the back-end service and the overall user experience.
- Learned to use frontend technologies and command shell programs on Windows and OS X.

## PROJECTS

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| **UConn Senior Design Project, Pitney Bowes** | **Storrs, CT** |
| **Java Developer** | **September 2017 – April 2018** |

- Collaborated with a team of engineers to develop Java test code to monitor the workflow execution of mailing instances.
- Used Camunda and Apache Tomcat servers to check if the workflows passed the pre and post conditions we created.
- Developed a methodology describing our process so that it can be adapted to Pitney Bowes's other workflows.
- Created and maintained a Git repository with the most updated code to simplify collaboration.

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| **UB Hackathon** | **Bridgeport, CT** |
| **Lead Developer, Participant** | **March 2108** |

- Led a team of programmers in developing a mobile app that provides a safe driving service to university students, driven by other university students.
- Developed a UI using the Ionic Framework, implemented Firebase for user authentication and data storage and tested by deploying to both Android and iOS devices using Cordova and npm.
- Demonstrated our application along with the business plan to a panel of judges and the rest of the participants.

## WORK ELIGIBILITY

- I am currently on my OPT with a valid EAD till December 2019.

## EXTRA -CURRICULAR

- Participated/volunteered in several University programs such as the Cyber Security Club, Northeast Regional Science Bowl and UConn Badminton Team, 2014-2018.
- Passion for Reading books - fiction / non-fiction and Black Belt in Taekwondo.