

# Andrei Spatariu

## Contact



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## Skills

### Coding Languages:

Python, Type/JavaScript, Java,  
HTML & CSS/Sass

### Libraries and Frameworks:

React, Angular, Django, Spring  
Boot, Node.js, PyTorch,  
Bootstrap, NumPy, Pandas,  
Scikit-learn, Matplotlib, Tkinter

### Databases:

MySQL, PostgreSQL

### Software:

Eclipse, Anaconda, Atom, Jupyter  
Notebook, Visual Studio Code,  
Emacs, Git/GitHub

### Operating Systems:

Windows, Linux

### Foreign Languages:

Romanian, Spanish, German

Certified SAFe Agilist 5.0

AI Programming with Python and  
PyTorch Nanodegree

## Work Experience

### AT&T

*Software Engineer*

*January 2020 – Present*

- Designed and developed robust chat bots using the Microsoft bot framework and Typescript to streamline daily tasks such as installing and repairing cables technicians would have to perform
- Developed an Angular/Spring Boot video streaming application to simplify the process of auditing changes to various cell tower sites owned by AT&T and its partners
- Developing a React application to streamline daily managerial tasks (counting drawers, authorizing coupons, etc.) as part of Cricket's next generation of point of sale systems across its retail stores

### ADVA

*Research and Development Intern*

*May 2019 – July 2019*

- Developed a Python-based GUI using the Tkinter library to increase the efficiency of testing fiber network configurations by fetching current readings and remotely connecting to network for adjustments

### University of Georgia

*Undergraduate Teaching Assistant*

*August 2018 – December 2019*

- Graded student's labs and in-class problem sets for the Introduction to Computing and Programming and Discrete Mathematics courses
- Assisted in furthering students' understanding of Java and discrete math fundamentals through facilitating problem-solving in lectures, labs, exam review sessions, weekly office hours, and Piazza discussions

### NCR

*Summer Intern*

*June 2014 – August 2014*

- Tested planned internal software update against functional requirements and documented any bugs
- Gained first-hand experience about the advantages and disadvantages of the AGILE software development methodology and SCRUM framework

## Community Involvement

### UGAHacks

*Advisor*

*March 2020 – December 2021*

- Advised on how to improve [MyUGAHacks](#) based on feedback from UGAHacks 5-6 and to increase scalability and maintainability
- Developed and maintained the [UGAHacks 6](#) site using ReactJS

*Tech Director*

*March 2019 – February 2020*

- Led a team of four to develop [MyUGAHacks](#) using Django to serve as an event management hub for the benefit of over 500 organizers, participants, and sponsors at UGAHacks 5

## Education

### The University of Georgia

*Bachelor of Science in Computer Science*

*August 2016 - December 2019*

*Area of Emphasis: Computational Science and Visualization*

- Graduated Summa Cum Laude
- Obtained Applied Data Science certificate (December 2019)
- Presidential Scholar (Fall 2017- Spring 2019), Dean's List (Spring 2017), and 2019 Hollingsworth Award recipient