

# Nathan Stutte

Software Developer interested in AI and Data Science

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[natestutte.github.io](https://natestutte.github.io)

## EXPERIENCE

### Vanguard Group, Malvern, PA — *Software Developer Co-op*

September 2020 - March 2021

- ❑ Developed new production programs centralized around archived market data with Global Investment Data System Team
- ❑ Implemented services and programs to run on AWS Cloud
- ❑ Ran automated tests and continuous build pipelines using Bamboo and Bitbucket
- ❑ Followed Agile methodologies within a team environment

### Drexel University, Philadelphia, PA — *Junior Developer*

September 2021 - March 2022

- ❑ Developed and maintained web services and features commonly used by DU students and staff
- ❑ Primarily used Java webapp frameworks Spring/Spring Boot
- ❑ Ran automated tests and pushed to both testing and production through Gitlab
- ❑ Worked and communicated with other developers to collaborate work effectively

### Nuix, Conshohocken, PA — *Software Engineer Co-op*

September 2022 - March 2023

- ❑ Implemented new functionality and fixed issues on cutting-edge company software
- ❑ Worked on both Front End and Back End tasks primarily in a Java-based environment
- ❑ Developed for both server and client side, deploying to production globally
- ❑ Followed Agile methodologies and prioritized time management with solutions

## PROJECTS

### Life/Creature Simulation — *2D Simulation of Artificial Life*

2D program of artificial life simulating genetic evolution and behaviors. Programming was done using the Processing library written in Java.

### OtterAnHour — *Twitter/BlueSky Bot with a focus on Otters*

Twitter/BlueSky bot written using Python3's Tweepy library that sends a random photo of an otter(s). Automation of the bot is done through scheduled expressions with cron using AWS Lambda.

## EDUCATION

### Drexel University, Philadelphia, PA — *BSCS*

September 2019 - Present Day

Overall GPA: 2.9

Anticipated Graduation: June 2024

## SKILLS

**Programming:** Python, Java, JavaScript, C++, C#, SQL, Bash

**Tools:** Jenkins, AWS, Bamboo, Git, Bitbucket, Excel

**Operating Systems:** Windows, Ubuntu, Arch  
Able and willing to learn other skills necessary

## ACTIVITIES

**Event Coordinator 23'**, **Treasurer 22'** - 8 to the Bar A Cappella Group

**Vice President** - Drexel Gaming Association