

# Amanda Lewis

Experienced Java and Python teaching assistant looking to transition into a full-time Software Engineering job as a backend or full-stack developer.

## Contact Info:

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## EXPERIENCE

### **St. Edward's University**, Austin, TX — *Software Engineering Technical Advisor*

JANUARY 2020 - PRESENT

Assist students in advanced Software Engineering courses to complete their semester long project, while they work in teams of six to seven. Meet weekly with three to four teams and address topics on an agenda they prepare beforehand.

### **St. Edward's University**, Austin, TX — *Computing Science Teaching Assistant*

JANUARY 2018 - PRESENT

Assist students in introductory programming classes in Python and Java during weekly labs and facilitate night sessions for extra help in the Concepts classes.

### **St. Edward's University**, Austin, TX — *Math Tutor*

AUGUST 2017 - PRESENT

Assist students from basic Mathematics to Advanced Calculus with their homework problems and general study, while maintaining a quiet environment.

### **Modernize**, Austin, TX — *Software Engineering Intern*

MAY 2019 - AUGUST 2019

Worked on an agile scrum team of 10, received tickets and completed them by the end of each sprint.

### **Walgreens**, Austin, TX — *Customer Service Rep. and Beauty Advisor*

OCTOBER 2015 - MARCH 2017

Promoted Beauty Must Have (BMH) sales events, learned about customers and their needs, so able to suggest new products to customers based on those needs. Kept store well-maintained, aisles faced, and all areas clean and organized.

## EDUCATION

### **St. Edward's University**, Austin, TX — *BS in Computer Science*

Grad. MAY 2020

Minor in Mathematics with a GPA of 3.76

## PROJECTS

### **Senior Project — Host, Post, and Compost**

AUGUST 2019 – FEBRUARY 2020

Worked on a team of three to build a system that allows people who do not have access to composting resources to compost by utilizing nearby neighbors who do compost. Built an Express.js web server that managed registration, logging in, user management, and all other system necessities.

### **IoT Project**

AUGUST 2019 - DECEMBER 2019

Worked on a scrum team of six, built a system that utilizes Digital Transformation and Internet of Things devices to further automate the smart home management process. Built a Gateway component that was comprised of a Controller (Java) and a Diagnostics (Python) component. The Controller communicates with the IoT devices, the Command in Control, as well as the Python Diagnostics component.

### **Java Vehicle Simulator — Multithreading Project**

JANUARY 2019 - MAY 2019

Enhanced the Python vehicle simulator, to further my understanding of multithreading and multiprocessing. Wrote all vehicle output to a

## SKILLS

- Maintain a clean and organized work environment.
- Diffuse tension in emotional situations and conflicts
- Effectively communicate current priorities and issues to managers
- Ability to problem-solve quickly and with ease
- Easily connect with customers and coworkers
- Memorize store layout to easily assist customers with help finding items

## AWARDS

- **Outstanding Student in Language Arts (Spanish) - April 2017**
- **Outstanding Student in First-Year Computer Science Courses - April 2018**
- **Dean's List from Fall 2016 - Spring 2019**

## PROGRAMMING LANGUAGES

- Java (Advanced)
- Python (Advanced)
- Javascript (Advanced)
- PHP (Proficient)
- Swift (Proficient)

file, made the program user input based, so that it does not rely on an API.

### **TaaS Project**

JANUARY 2019 - MAY 2019

Worked on a scrum team of six. Built a system that used simulated automated vehicles. Built vehicle simulator, written in Python and using multithreading to allow multiple vehicles to run at once with ease.