

Fade Abdeljaber

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Education

University of Illinois at Chicago
Bachelor of Science in Computer Science

- GPA: 3.52

Chicago, Illinois
December 2020

Projects

American Sign Language Classifier

December 2020

- Built a convolution neural network (CNN) that's able to read American Sign Language gestures and classify which letter in the alphabet the image represents.
- Improved the CNN by using different optimization techniques in order to reach an accuracy of 97%.
- Trained the CNN model using over 27,000 images to ensure an efficiently trained model while avoiding underfitting and overfitting.
- Wrote an article on the project [here](#).

ECommerce Flower Shop

November 2020

- Created an online fictional flower shop built with Bootstrap in the frontend and ASP.NET in the backend.
- Tested the initial user interface with paper prototypes to gain insight on designing a learnable and efficient UI.
- Programmed using the Model-View-Controller (MVC) design pattern to maintain scalability.
- Hosted on Amazon's AWS EC2 to keep hosting costs low while also maintaining adequate performance.

Whatsapp Virtual Assistant

June 2020

- Developed a virtual assistant in Java that reads WhatsApp messages from group members and executes various commands.
- Introduced 10+ different commands to automate tasks such as event planning for the group and a joke teller which calls a RESTful joke API and sends a joke.
- Handled errors safely and reached a 99% uptime for the virtual assistant.

Work Experience

Abbott Laboratories

Lake Bluff, Illinois

Associate Software Engineer

Feb 2021 – Present

- Implemented several new features and enhancements such as an audit logger that tracked the users actions on the application for security purposes.
- Fixed critical bugs while following software development practices, design patterns, and agile methodology.
- Collaborated with team members during feature team meetings and updated feature documentation.
- Wrote test cases and performed extensive functional and integration testing.

University of Illinois at Chicago

Chicago, Illinois

Peer Tutor

Sep 2019 – Dec 2019

- Tutored students in various data structures and helped reinforce concepts taught in class.
- Assisted in debugging class projects to ensure students' programs are fully functional.

Skills

Languages: Java, Python, C#, HTML5, CSS3, JavaScript, SQL

Frameworks and Libraries: .NET, DevExpress, WPF, Selenium, JUnit

Technologies: Git, JIRA, Bitbucket, Github