

# Curriculum Vitae

Syed Zain Raza

Greater Boston Area

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## 1 Summary

- Recent computer science graduate with a background in software engineering and data science, currently pursuing opportunities for advanced research in artificial intelligence.
- Research interests: computer vision, graphics, and privacy-preserving machine learning,

## 2 Education

- B.S. in Applied Computer Science, Dominican University of California. August 2019 - December 2021.

## 3 Experience

### 3.1 Academia

- **Teaching Assistant**, ACS 3510 Machine Learning, ACS 3520 Deep Learning, and ACS 4511 Core Apps of AI at Dominican University of California. Fall 2021.
- **Teaching Assistant**, Introduction to Software Product Development, and Agile Development & UI/UX at Make School. Fall 2020.

### 3.2 Industry

- **PLM Software Development Intern, R&D**, PTC. Summer 2021.
- **Open Source Software Developer Intern** (research-focused, advised by Ali Merchant), iQ3Connect Inc. February-June 2021.
- **Software Engineering Intern**, Carbon0 Games. Fall and Winter 2020.
- **Software Engineering**, Summer Challenge Project Program, Microsoft. Summer 2020.

## 4 Publications

### 4.1 Invited Chapters

- Co-editor, “Python Skills for Data Science”, *Data Science Fundamentals* by Milad Toutouchian. Publish date TBD.

### 4.2 Technical Write-Ups

- ”Where Should You Buy Books Online?”, Analytics Vidya, May 20 2020.
- ”How to Make Data Science Easier (for Students!)”, DevGenius, August 29 2021.
- ”Digital Avatars: The Next Leap in Remote Work?”, DevGenius, June 3 2021.
- ”How to Deploy Keras Models to Production (Beginners Welcome!)”, DevGenius, March 12 2021.
- ”Computer Vision: The Cure for the Retail Industry?”, DevGenius, June 19 2020.
- ”Is Climate Change a Problem? How Do You Know?”, Analytics Vidhya, March 16 2020.

## 5 Invited Presentations

- “Tensorflow.js in Warp Speed”, Data Science Club at Dominican University of California, Spring 2021.

## 6 Other Leadership

- **Producer and host** of the *The UPStarts Podcast*, an audio-form show that discussed A.I.. Selected as one the “20 Best Computer Vision Podcasts of 2021” by Welp Magazine. 2017-2020.
- **Peer Mentor**, Dominican University of California, 2020-2021.