

# Daniel Niedzwiedzki

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## EDUCATION

### Kean University

Computer Science / Data Science

Union, New Jersey

Jan 2021

Deans Honors List Recipient (Sept 2016- 2021)

GPA 3.8

Lambda Alpha Sigma Honors Society Recipient

Computer Assembly Language, Database Management, Computer Systems, Data Structures, Computer Organization & Programming, Data Visualization, System Programming, Data Mining, Applied Statistic I/II, Linear Matrix Algebra

## TECHNICAL PROJECTS

### World Travel Blog [Project Link](#)

Dec 2020 – May 2021

- Full stack blog site that includes full C.R.U.D abilities and utilizes RESTful routing conventions with full custom API.
- ReactJS and Redux ensures efficient and responsive user experience on the front end.
- User authentication developed using PassportJS with 128-bit salt hashed password stored in object oriented database.
- *JavaScript, NodeJS, ReactJS, JSX, Redux, Heroku, MongoDB, API, Bootstrap, CSCC, Git*

### Visualizing the Socioeconomical Impact on COVID-19 [Project Link](#)

June 2020 – Sept 2020

Accepted in Great Minds in Stem (GMIS) Conference 2020 (Research)

- Full stack project that depicts a visual representation of COVID-19 cases in regard to population and income.
- ReactJS used for front-end logic, Redux utilized for data gathering, Python utilized for data manipulation of over 100,000 data points.
- *JavaScript, Python, NodeJS, ReactJS, JSX, Redux, MongoDB, API, Bootstrap, Git, CSS*

### Tensor Flow Image Classifier [Project Link](#)

Sept 2019 – Dec 2019

- HTML/CSS and JavaScript utilized for all front-end user interaction as well as Python utilized for all Machine Learning.
- Command Line / Shell scripting used as a bridge between all server-side python code and all front-end code.
- Training Model currently contains over 1000 pictures, can product a result in under a second.
- *Python, TensorFlow, HTML, PHP, CSS, MySQL, JavaScript, CLI, Shell*

## WORK EXPERIENCE

### Apple Inc.

NJ

UX Strategies Technical Team Lead (Apple Pay)

Jan 2021 – Jun 2021

- Identified areas of opportunity of UX (User Experience) on over 100 of the biggest US merchant platforms.
- Developed approaches to facilitate growth via UX optimization directly contributing to both Apple's and merchant's KPIs.
- Worked with a large team across departments to resolve complex technical situations.
- Coordinated and facilitated team weekly team meetings.

### Apple Inc.

NY/NJ

Genius

Jan 2015 – Current

- Efficiently assist 200 customers with iPhone/Mac software and hardware issues each week.
- Incorporate techniques to decipher and translate complex technical terms for customer comprehension which resulted in an annual over 90% customer satisfaction rate.
- Collaborate with leadership to strategize and streamline retail store operations.
- Facilitate as a peer mentor for new hires and resource to both leadership and colleagues which contribute to a reduced customer wait time.

## RESEARCH

- D. Niedzwiedzki and D. Kwak, "Impact of Covid-19 by Income and Population," In National Conference on Undergraduate Research (NCUR) 2021, Remote, April 12-14, 2021.
- D. Niedzwiedzki and D. Kwak, "Visualizing the Socioeconomic Impact on COVID-19," Great Minds in STEM (GMIS) Conference 2020, Oct 5-9, 2020.
- D. Niedzwiedzki, K. Tapia, and D. Kwak, "Social Chatbots for Mental Health Services," In National Conference on Undergraduate Research (NCUR) 2020, Bozeman, MT, March 26-28, 2020.
- D. Niedzwiedzki and D. Kwak, "Guiding Mental Health Issues through Chatbots," In Kean Research Days, Union, NJ, April 27-29, 2020.