

# JOSIEL DELGADILLO

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<https://josielDelgadillo.com>

## EDUCATION

2016 – Exp. May 2021

GPA: **3.67/4.00**

### The Pennsylvania State University

B.S. Information Sciences & Technology: Design and Development

Minor in Security and Risk Analysis

## EXPERIENCE

The Pennsylvania State University

### Undergraduate Researcher – College of Information Sciences & Technology

Jan 2021 – Present

- Research on Sentiment Analysis and Machine Learning to predict company stock price movement.
- Usage of state-of-the-art ML technologies such as deep reinforcement learning and natural language processing to conclude sentiment value.

Pfizer

### Project Lead Digital Intern

June 2020 – Aug. 2020

- Responsible for gathering user requirements, conducting technical solutions analysis with alignment to requirements, planning, designing, development, and deployment of an incident communication solution for more than 20,000 users.
- Streamlined the current communication process by providing a centralized repository for information and developed a website for the management of communications to reduce overhead costs.
- Lead the creation of weekly networking groups, participated in a game development project, and co-hosted a panel of colleague resource group representatives to educate interns on D&I programs.

United Parcel Service

### Workforce Planning Reporting Specialist

Aug. 2018 – Aug. 2019

- Conducted audit and manipulation of HR data for transformation report generation that affected business decisions within the region to the Transformation Office.
- Organized data into dashboards using visualizations (i.e. graphs, charts, and tables) and analyzed MOM and YOY census data to assist with tracking the International Business Scorecard goals.
- Assisted in increasing Female Management Representation in Operations in the region by 10%.
- Utilized relationship building throughout the organization and handled difficult situations such as validating confidential information with region senior managers.

### Business Process Improvement Intern

Jan. 2018 – Aug. 2018

- Responsible for automating time-consuming and bottleneck business processes.
- Developed programs that leveraged web-scraping technology to automate entire and partial processes with the click of a button.
- Business impact that amounted to cycle time savings of 1,500 hours, total time savings of 1,900 hours, and cost savings of more than \$36,000 per year.

## PROJECTS

Dev - PSU

### Advanced-Vehicle-Technology

[More Info](#)

- Collaborated in developing a level-two autonomous lane detecting simulation using image classification in Python 3 with the OpenCV library. Built an understanding of neural networks for deep learning applications.

Hack - PSU

### Alexa Integration

[More Info](#)

- Participated in a multitenant solution that integrated the Amazon Echo voice functionality and executed learning-based commands in Windows OS. Accomplished with Java and IFTT support.

Pfizer

### The Long Road to Drug Discovery

[More Info](#)

- Cooperated in the development of a multiplayer boardgame platform to educate of the amount of resources that are used during the drug development process (In-Vitro to FDA approval).

## SKILLS AND ABILITIES

Programming Languages

Java, Python, HTML5, CSS, JSON, SQL, C++, React.JS, Typescript, Node.JS, and jQuery.

Applications

Microsoft Office, SharePoint, SSMS, Oracle BI, Power BI, Power Automate, PowerApps, Pandas, and Git

Frameworks, Libraries, design patterns, & etc.

Object-oriented programming, human-design-development, SDLC, MVC, API's, Sci-Kit Learn, Bootstrap, Flask, and OpenCV

Methodologies

Agile, Scrum, DMAIC, and Lean Six Sigma