

Daniel Palencia

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☎ 8183594694

🎓 Education

Computer Science, BS,

California State University, Northridge

2019 – 2021

3.95 GPA. Dean's List Fall 2019, Spring 2020, Fall 2020.
Expected graduation May 2021.

Los Angeles Pierce College

2012 – 2019

3.17 GPA. Transferred to CSUN.

📁 Highlighted Projects

Mars Vision, NSF year-long data science project.

A Python-based computer vision tool utilizing classification algorithms to identify surface features on Mars from NASA HiRISE images.

<https://github.com/mars-vision/marsvision>

APP-A, CSUN senior design project. An android navigation app targeted at blind and visually impaired CSUN students to help them get around campus.

<https://github.com/indomie858/app-A>

📜 Certificates

NSF 2020 Summer Bootcamp Certificate of Completion

Recognized for completion of the 2020 NSF Summer Bootcamp. Bootcamp introduced students to data science as a career, the use of industry tools and techniques, and ended with a data science team project to apply these skills; collaborated with a team of 3 to apply machine learning models to COVID-19 data.

🔗 References

Vandana Gundara, Owner, Design Spinners
vgundara@gmail.com, (818) 800-9214

Michael Munje, NSF Advisor
michaelmunje@gmail.com, (818) 310-6921

🧠 Skills

Software Engineering

Worked with the following languages in a professional or academic setting: Python, Java, Kotlin, PHP, Dart, HTML/CSS, JavaScript, C#. Experience with software engineering practices such as unit testing, CI/CD, version control, project management, and team collaboration with tools such as GitHub, GitLab, GitKraken, and Travis.

Libraries, Frameworks, CMS

Scikit-Learn, Pandas, Numpy, Pytorch, Matplotlib, Seaborn, Android SDK, WordPress, Flutter, Bootstrap, React

Data Skills

Experience with SQL/SQLite databases, Data Cleaning/Analysis with Python and Jupyter Notebooks, applying machine learning models such as regression and neural networks, evaluating models by looking at metrics such as accuracy, precision, recall, ROC AUC.

👜 Professional Experience

Web Developer, Design Spinners

2012 – 2020 | Chatsworth, United States

- Performed regular maintenance of WP Engine hosted WordPress websites for company clients
- Troubleshooted and resolved technical issues with client websites
- Provided research, recommendations, and time estimates to integrate website features
- Implemented WordPress and Shopify template customizations and front-end functionality

📖 Relevant Coursework

Introduction to Software Engineering, CSUN

Coursework involved building an app in a team setting for the purpose of learning software engineering practices using GitLab. The app itself was a recipe app built on a Flutter/Firebase stack.

Data Mining, CSUN

Coursework included a group project in which we analyzed US voting data to identify gerrymandered states and used machine learning models to predict gerrymandering from voting results.